EMIST and DRUGGIST MAY 13, 1944

The
CHEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

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VOL. CXLI

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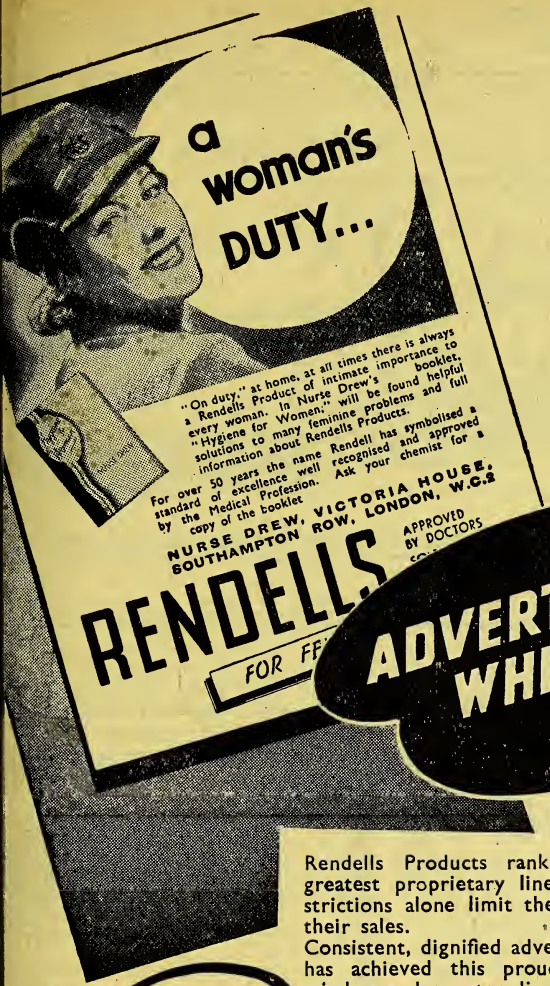

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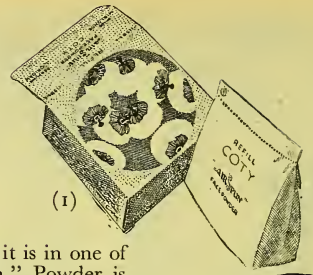

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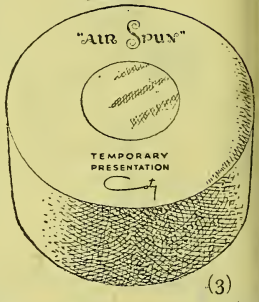

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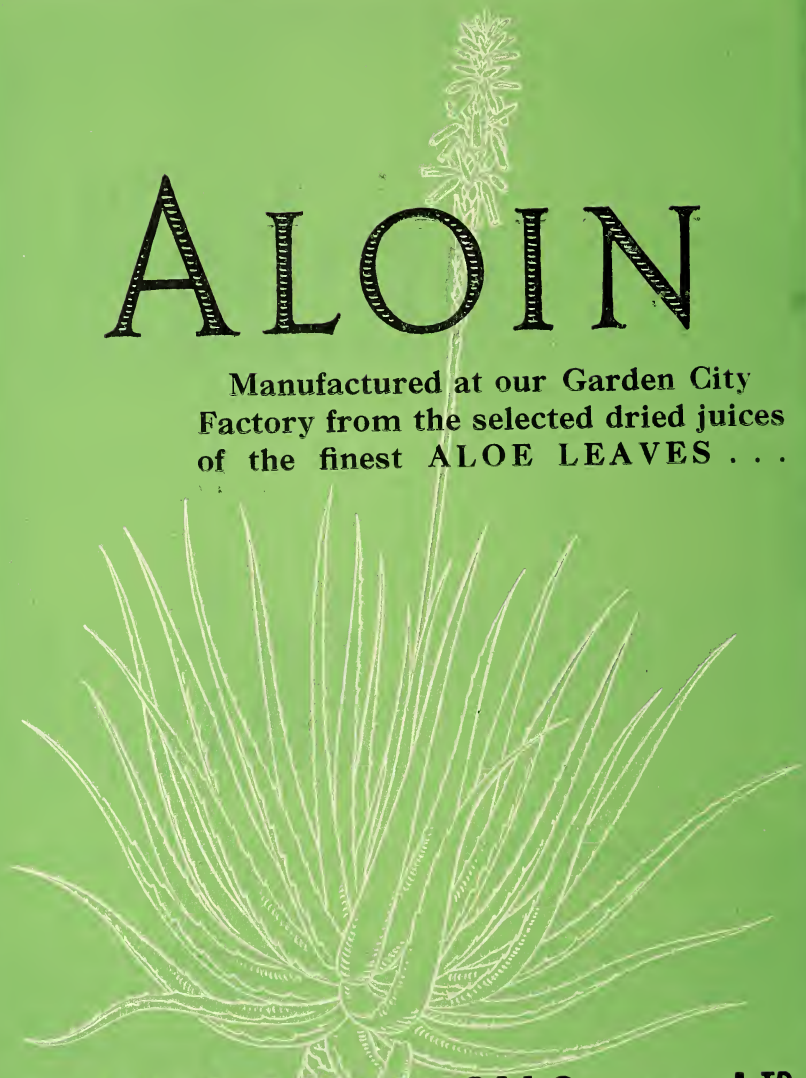

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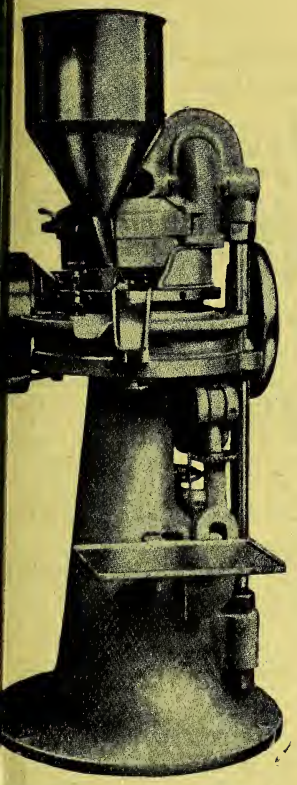

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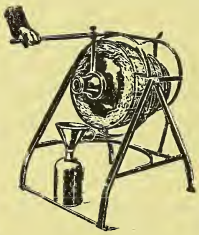

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NEWS OF THE WEEK

Withdrawal of D.D. Authorities.—The Home Secretary has withdrawn from John Forrest Hinksman, M.B., Ch.B., 180 Sompting Road, Worthing, Sussex, his authorities under the Dangerous Drugs Act and regulations.

Coal Saved by Industrial Restrictions.—The amount of coal saved as a result of the 5 per cent. cut in gas and 10 per cent. cut in electricity supplies imposed on industrial undertakings in April is estimated by the Ministry of Fuel at 200,000 tons. Hundreds of firms are stated to have reported to the Ministry that they have been able to achieve the necessary saving with small effect on output.

Training in Export.—A first complete course of training for export arranged by the Institute of Export is now available, and examinations are to be held regularly in London and many provincial centres. The syllabus can be obtained from the Secretary of the Institute, Royal Empire Society Buildings, Northumberland Avenue, London, W.C.2. The Institute takes the view that old methods of protective tariffs, dumping, import prohibitions, etc., which procured a temporary easement of difficulties for individual nations at the expense of the rest of the world, have proved disadvantageous. The post-war national income from invisible exports is estimated to become some £200 million per annum less than it was before the war.

Free Medical Education Recommended.—In a report on medical education, issued on May 2, the Royal College of Physicians recommends free university education as a means of widening the field of selection of candidates to the medical profession. It is urged that suitability for entry as a student should be judged by academic ability measured by school record and examination, and by character and personality. Before entry to a university the student should produce evidence of attaining a standard in chemistry, physics and biology at least equal to that of the present credit standing in the Schools Certificate. Two final examinations are also recommended,

the first to license a student to practise under supervision in hospital, the second, to be taken at the end of a resident year, testing his practical ability and licensing him to practise independently.

Mustard Gas Fatality.—Burns from mustard gas from a container picked up on the seashore at a place in South Wales caused the death recently of a child. Ten other persons who handled the container suffered severe burns.

Patulin.—In the House of Commons on May 4, Mr. Attlee (Lord President of the Council) said clinical trials of patulin had been in progress in industrial establishments and schools. Results were being analysed, and it was hoped to make a statement at an early date. Unless there was definite evidence of its value it would not be justifiable under existing conditions to encourage production on a large scale.

National Association of Pharmacists Suggested.—At a meeting of the Leeds Branch of the Guild of Public Pharmacists held recently, Mr. W. E. Phillipson, speaking on "A Policy for Pharmacists," advocated unity amongst all sections of the profession, and went on "This can only be done by the formation of a National Association of Pharmacists, which would in no way interfere with the special functions of the Pharmaceutical Society, the National Pharmaceutical Union, or the trade unions."

British Pharmaceutical Conference.—Arrangements are being made by the executive committee of the British Pharmaceutical Conference to hold the annual meeting in London on Tuesday, July 11. Confirmation of the date and particulars of the day's programme will be published so soon as the arrangements have been completed. Meanwhile, the secretaries ask members intending to submit papers for the Science Sessions to send in the titles of their papers so soon as possible. Authors should bear in mind that the papers are printed and circulated before the meeting, and must be received in good time to enable this to be done. Papers should therefore be in the hands of the secretaries not later than June 5.

North Staffs Branch Annual Meeting.—The annual meeting of the North Staffs Branch of the Pharmaceutical Society held on April 20 unanimously elected Mr. F. Gartside, *Chairman*; Mr. H. E. Denby, *Vice-chairman*; and re-elected Mr. S. J. Mott, *Treasurer*, and Mr. R. A. Hackney, *Secretary*. *Committee:* Messrs. Amson, Browning, Herring, Lawley, Mason, Redfern, Stanier, Turner, and Walklett. Ther was a short discussion on the White Pape at which the speaker was Mr. H. C. Sha (a member of Council).

Eire Examination Results.—Of thirty seven candidates who presented themselve for the recent Assistants' examination hel by the Pharmaceutical Society of Irelan the following passed: Paul T. Butle Kathleen Carty, William Joseph Dalto Patrick F. Farrell, Kathleen Mary J. Flyn John Hanley, Margaret Heany, Micha Joseph Henneghan, Bridget Hogan, Angel Marina Keating, Ethna Mary T. Kennedy Thomas Mark McGoldrick, James McMe amin, Nicholas Mockler, Muriel St. Joh Patrick Francis Twohig, Mary Gemm Wilson.

Promise of Post-war Propaganda.—M R. H. Kemp, Ph.C. (secretary, Chemist Friends Association), addressed a meetin of the Newcastle and Gateshead Branch the National Pharmaceutical Union i Newcastle on April 27. Speaking on "Th Birthright of Pharmacy," he pointed ou that the actual cash return, in an averag pharmacy, from non-C.F. window-displa bonus amounts to 0·6 per cent., or 5s. i every £40 of turnover. The C.F. standard Committee, he said, carefully examines a applications for inclusion in the C.F. lis and, so soon as possible after return of no mal times, a national campaign will b carried out by the propaganda committe

Manchester Research Developments.—A joint standing council representing th University of Manchester and the Mar chester Chamber of Commerce has bee formed with the object of securing a close relationship between science and industr in the city. The president of the Chambe of Commerce, in making the announcemen said it was as yet too early to define th council's precise functions, but it was hope that the results of research work could b constructively examined and workers bene fited by access to the experience of firms i the area. The council would also assis people in the quest for new knowledge.

Low-grade Fertilisers.—The Ministry Agriculture has issued a warning to pu chasers of chemical manures that, apa from lime, the only known fertilisers i general use contain nitrogen or phosphori acid or potash or combinations of thes Any so-called fertiliser that does not co tain at least one of these constituen inevitably involves the user in unnecessar expense and loss of time. The Fertilise and Feeding Stuffs Act, 1926, requires tha

les of the principal fertilisers scheduled nder the Act shall be accompanied by a atutory statement of the content of nitro-en, phosphoric acid and potash. The atement has the effect of a written war-nty by the seller. Purchasers of any article heduled under the Act, or in respect of hich an express or implied warranty has een given by the seller, are entitled to have sample taken for analysis by the official mpling officer appointed by the county county borough.

Move to Unify Chiropodists.—Speaking at twenty-first anniversary celebration of the pening of the Manchester Foot Hospital cently, Professor H. Platt (orthopædic rgeon, Manchester Royal Infirmary) said understood proposals had been made to malgamate five societies recognising chiro-dists. That unification must eventually me about.

Distribution of Penicillin.—The following ply to a question regarding the distribu-on of penicillin was given by Mr. Attlee in e House of Commons on May 2:—

The Penicillin Clinical Trials Committee ppointed by the Medical Research Council responsible for the distribution only of e part of the penicillin supply which is located for research in this country, the maining and larger part going to the orces overseas. The total quantity dis-ibuted by the Committee up to the end March 1944 was about 500 million units, which about 420 million units were vided between the hospitals . . . chosen as e main centres for clinical trial. The ommittee has also provided smaller pplies for specific clinical purposes to urteen other centres; and sixteen further rojects for particular forms of study were pproved at a recent meeting. . . . No roposal for any promising investigation has een rejected owing to shortage of supply. some of the institutions work has not een in progress for long enough to justify ublication of results, but several reports ave been issued and others are in prospect. uch reports are of a technical nature and re more for the consideration of the medical rofession than of Ministers.

Deputy Secretary at Nottingham.—In an ddress recently to the Nottingham Branch f the Pharmaceutical Society on the sub-ect of the White Paper on a national health ervice, Mr. F. W. Adams (deputy secretary f the Society) said the proposed scheme ould shift the centre of gravity in regard medical attention, in that this would be iven predominantly as a public service instead of as a result of private arrange-ment. Such a change involved extensive and complicated organisational arrange-ments. The speaker criticised the absence of special machinery for dealing with the pharmaceutical side of the service, and made reference to the proposal that pharmacy should have its own advisory and executive organisation. The White Paper justified the case put forward, and there was little doubt that its essential features would be retained in any proposals now put forward by the Society, National Pharmaceutical Union, and Pharmaceu-tical Standing Committee for Scotland. Mr. Adams said it was interesting to note that in an appendix on "The Remuneration of General Practitioners," the Government recognised that a different criterion from that adopted under National Health Insurance would be required. The position of pharmacists called no less for a revision of the system of payment.

Report on Veterinary Education.—The Committee on Veterinary Education in Great Britain has recently issued a second report (the first was in 1938). Accepting an estimate of 220 as the number of veterinary surgeons needed each year, and admitting that members qualified recently have reached only about 190 annually, the Committee nevertheless considers it un-desirable to expand the four existing schools at London, Edinburgh, Glasgow and Liver-pool. It urges that the best possible training for veterinary surgeons can be secured only by persuading universities to undertake the responsibility, and recommends that the London, Edinburgh and Glasgow schools should be placed within univer-sities, and new schools located at Cambridge and Bristol. Veterinary students should be given full university status, with a degree in veterinary medicine a registrable quali-fication. At present the sole body legally empowered to grant a licence to practise is the Royal College of Veterinary Surgeons, which admits only students who have studied at an affiliated school, no exemption being granted even to those who take a university course in the subject. It is proposed that the Royal College of Veter-inary Surgeons should remain, through its Council, the governing body of the pro-fession, and given powers corresponding to those of the General Medical Council. Membership of the College would continue to be a licence to practise, but the right would be open also to those with a university veterinary degree recognised by the Privy Council.

LEGAL REPORTS

Faulty Hot-water Bottle.—At Liverpool Assizes, on April 20, damages amounting to £350 were awarded to Mrs. Mary Whitty, a patient in the Whiston Infirmary (a hospital under the Lancashire County Council) for injuries received as a result of scalds from a washer-less hot-water bottle.

Unlawful Supply of Morphine.—At Ealing, on April 20, Violet Sampson, aged forty-two, Heathfield, Sussex, was fined £20 for unlawfully procuring twelve ¼-gr. tablets of morphine, and £5 for unlawfully supplying the morphine to Dr. C. Toner. Detective-sergeant Garrod stated that Sampson was engaged at St. Barnard's Emergency Hospital, Southall; inquiries to trace the doctor had proved unsuccessful.

Sale Subject to Other Purchase.—At Radcliffe, Lancs, on May 2, Waller & Riley, Ltd., chemists, Bolton, were fined £10, with £5 5s. costs, for offering for sale controlled goods subject to the purchase of other goods at their shop in Blackburn Street, Radcliffe. A customer gave evidence that she asked for razor blades and was told if she wanted the three-hole variety she would have to buy something in addition. She complained to the police.

Employee's Thefts from Chemist.—At Slough, Bucks, on April 27, Nancy Mathias, shop assistant, was bound over for two years for stealing money (stated to total £250 taken during two years), and articles worth £12 10s. from her employer, a Slough chemist. The vice-chairman of the Bench stated: "We do not feel a great deal of sympathy with the tradesman who has lost this money. He cannot have been looking after his business very well."

Opium Tied Round Waist.—At Ellesmere Port, on April 19, Kong Jong and Chan Tai, Chinese seamen, were charged on remand with knowingly unshipping 1 lb. 14 oz. of raw opium at a North-west port with intent to avoid customs' payments. Both pleaded guilty. Prosecutor for the Inland Revenue authorities said Tai and Jong were found to have forty-six sticks of opium tied round their waists. The men bought the opium in Persia for about £5 10s. The men were each fined £10, with £3 8s. 6d. total costs.

Phenobarbitone in Beer.—At Bow Street, London, police court, recently, John Harcourt Stensby-Pickford, Carlton House Terrace, S.W.1, appeared on charges of attempting to administer a stupefying drug to a flying-officer. It was alleged that on March 14, Stensby-Pickford got into conversation with a flying-officer at a West End club and gave him a glass of beer in which he had put some phenobarbitone. When arrested, defendant had in his possession a bottle of the beer containing the drug and admitted that he had done the same thing to three other officers. Stensby-Pickford pleaded not guilty and reserved his defence. He was committed for trial but allowed bail in £50 on condition that he went to a nursing-home.

£50 Fine for Pharmacy Act Offence.—A test purchase of sedative tablets containing allylisopropyl-acetyl-urea resulted in Thomas Cash Chemists, Ltd., Chapel Street, London, W.1, being fined a total of £70, with £5 5s. costs, at Marylebone, London, police court recently. Three summonses alleged the sale of poison by an unauthorised or unqualified person; sale to a person unknown to the seller, and sale in a packet not bearing the seller's name and address. An inspector found an unqualified chemist in charge and possessing the keys to the poisons cupboard, and told him that a qualified man should be there. Three days later another inspector bought a packet of the sedative without producing a prescription or giving her name and address. The solicitor defending said that the tablets were an ordinary, normal sort of sleeping draught. The assistant left in charge when Mr. Thomas, a qualified chemist, could not be present, he said, was man of fifteen years' experience.

Chlorodyne Offences.—At Beaumaris, Anglesey, on April 29, A. S. Morrish & Co., Duke Street, Liverpool, 3, were fined £20 and costs on charges in respect of the sale of bottles of chlorodyne. The analyst for the Anglesey County Council certified that the contents of bottles labelled "chlorodyne," which had been bought by that authority's sampling officer, contained neither morphine nor hydrocyanic acid, and were therefore not correctly labelled in accordance with the Food and Drugs Act. Other offences related to mention of the condition "consumption" on the label, contrary to the Pharmacy and Medicines Act, 1941. The Council tuberculosis officer said, "I think it is a menace to the health of the community that stuff like this should be circulated as a cure for consumption. It might have some temporary effect in loosening a cough but it would not cure the basic cause of the cough, and taking the stuff might delay a person visiting the doctor."

TOPICAL REFLECTIONS

utline and Detail

Your editorial article on the published utline of a National Pharmaceutical ervice (p. 495) materially helps us to isualise that outline more clearly than hen it first appeared. The help is welcome, or the scheme is not particularly easy to rasp. At this early stage it may suffice to all attention to one feature, by asking hether so many administrative bodies as re proposed are necessary. While there is o obvious need to make the pharmaceucal service a replica of the medical service, here is also no need, I think, to give it a ore elaborate structure or framework. he administrative organisation suggested or the medical service on pp. 48–51 of the overnment White Paper provides functions for the Minister of Health, a consultative Central Health Services Council, a entral Medical Board, and Local Health ervices Councils. The last-named bodies ill have the duty of advising joint authoriies, county councils and county borough ouncils. If this arrangement will suffice or the medical service, it is not clear why urther differentiation of function (*C. & D.*, pril 29, pp. 471–72) should be required in he pharmaceutical service. This will, no oubt, be one of the matters raised in the ourse of the meetings of delegates anounced on pp. 492–93. However adverse ravelling conditions may be in these times, ach N.H.I. dispensing area will, I trust, e represented at these important confernces. The more experience the delegates an draw upon, the less likely are they to verlook the difference between a contract nade by independent contracting parties nd one made by masters with servants.

tudents' Resolutions

The two-day conference of the British harmaceutical Students' Association (pp. 00–01) resulted in the passing of a dozen r more resolutions covering the world of harmacy almost "from China to Peru." While wisely declining "to formulate a olicy as to the future of the qualifying xaminations," the conference had much o say about apprenticeship. One experienced speaker thought it should be bolished; others that a duration of more han two years for it "amounted to exploitation." The general view may be inferred rom the resolution that the minimum eriod should be a year and the maximum wo years. It is best not to be hasty in thus imiting a system that has proved its usefulness during several centuries. While it may be agreed that a youth who enters on an apprenticeship fortified with the successful result of an examination can learn what is requisite in less time than that formerly laid down as an average, human beings differ so much in power to co-ordinate hand and brain that I should decline to vote for a maximum period of two years as a hard and fast rule in apprenticeship. With this question of duration is linked that of "exploitation." After all, the proprietor who undertakes to train apprentices is not doing so as an exercise in the virtue of charity: he or she looks for a reasonably good result in terms of efficiency. The statement that the standard of dispensing among students is "regrettably low" calls for attention and action by educational authorities. Even after making allowance for the personal factor no student should proceed to an examination without acquiring average proficiency.

Magnesium Trisilicate

Your reference to magnesium trisilicate on p. 483 recalls the pharmaceutical history of this interesting substance. Put "on the map" as an antacid and adsorbent by Dr. Nathan Mutch early in 1936 ("British Medical Journal," 3916–3918), it was the subject of a monograph at the meeting of the British Pharmaceutical Conference in that year. Dr. Mutch emphasised the slowness of its therapeutic action and the freedom from undesired secondary effects. In the discussion of the Conference paper a speaker remarked that magnesium trisilicate was to be preferred to magnesium carbonate, not only from a chemical standpoint but also on the ground that carbonates could be dangerous in certain conditions of the stomach and heart. A reading of that discussion raises a doubt whether the compound powder of magnesium trisilicate in the Second Supplement of the British Pharmaceutical Codex, adopted in the War Emergency Formulary, has been devised with due consideration of the effect desired. This powder, it will be remembered, consists of equal parts of magnesium trisilicate, sodium bicarbonate, heavy magnesium carbonate and chalk. Is not the preparation really an old "triple carbonate" with a modicum of added magnesium trisilicate? It may, indeed, be suggested that a better result would be obtained by increasing the percentage of the principal ingredient and reducing that of the others

Xrayser

COMPANY NEWS

FINEST HOUR COSMETICS, LTD. (P.C.).—Capital £15,000 Manufacturers of and dealers in toilet requisites, etc. Directors not named. R.O.: 21 Abercromby Place, Edinburgh.

FARINACEOUS PRODUCTS, LTD. (P.C.).—Capital £100. Dealers in and packers of farinaceous products, etc. John W. Topley and Fanny Chappell, directors. R.O.: Green Lane, Peterborough.

ANGUS GRANT, LTD. (P.C.).—Capital £700. Wholesale or retail chemists, druggists' sundriesmen, etc. Mrs. Lily Grant and Arthur S. Rollin, M.P.S., directors. R.O.: 74 Sutton Road, Southend-on-Sea.

HAROLD BARTON (CHEMIST), LTD. (P.C.).—Capital £2,000. To acquire the business of a pharmacist carried on by Harold Barton, 163 Lord Street, Southport. Harold Barton, M.P.S., and Mrs. Mildred E. C. Barton, directors.

FLANDERS (CAMBRIDGE), LTD. (P.C.).—Capital £1,000. To acquire the business of a chemist and optician carried on by George F. Rogers, 92A Mill Road, Cambridge. George F. Rogers, M.P.S., and Beatrice M. Rogers, directors.

H. C. HINES & SON (CHEMISTS), HARROGATE, LTD. (P.C.).—Capital £1,000. To acquire the business of a chemist carried on at Tower House, Mayfield Grove, Harrogate. Herbert C. Hines, M.P.S., Mrs. A. Hines, Cyril H. Hines, and Agnes M. Smallwood, directors. R.O.: 108 Mayfield Road, Harrogate.

BRITISH OXYGEN CO., LTD.—A final dividend of 8 per cent. has been recommended, making 15 per cent. for the year (same as for 1942). £100,000 has been placed to general reserve, and £87,471 carried forward.

UNICHEM, LTD.—The fifth annual meeting of Unichem, Ltd., and the Unichem Association, was held on May 3. The chairman (Mr. D. A. Rees, Ph.C.) announced that membership during the year ended December 31, 1943, had increased by about 40 per cent., turnover by nearly 50 per cent., and net profit by 100 per cent. After declaring a dividend of 10 per cent. on ordinary shares and placing £850 to taxation and £500 to advertising reserves, there was a balance of £519. Membership now stood at 332, and the organising committee had decided not to seek further increase until the supply position was easier. Mr. C. H. Foster (a director of Unichem, Ltd.) gave an address on "Progress and Policy." Stating that the main object of the Unichem organisation was to safeguard the interest of privately-owned pharmacies, he referred to the danger of pharmacies in key positions being bought up by multiple firms. A plan to meet this threat was being considered by the board and committee, whereby any such businesses that came into the market could be purchased at once, and resold on easy terms to an individual pharmacist. Substantial guarantees for a fund for this purpose had already been promised.

DELETED FROM REGISTER.—"The London Gazette," April 21, notifies that Cheltenham and County Drug Co., Ltd., and Chemical Development and Marketing, Ltd., have been struck off the Register of Companies.

VOLUNTARY WINDING-UP.—Notice is given in "The London Gazette," April 21, that Baker's Medicine Co., Ltd., is being voluntarily wound up. Creditors should send particulars to Mr. H. C. Haines, 23 King Street, London, E.C.2, by May 20.

KALIUM, LTD.

THE Ministry of Supply, Sundry Materials Branch, has approved that the undermentioned firms shall comprise the membership of Kalium, Ltd., the appointed agents of the Department for the distribution of commercial caustic potash and carbonate of potash. These commodities are distributed under conditions laid down by the Ministry and approved users can obtain supplies on application to any of the undernoted firms:—

Caustic Potash Section.—F. W. Berk & Co., Ltd.; Bush, Beach & Gent, Ltd.; Johnson & Sons (Manufacturing Chemists), Ltd.; McKesson & Robbins, Ltd.; Charles Page & Co., Ltd.; L. R. B. Pearce, Ltd.; H. M. Roemmele & Co., Ltd.; Frank Segner & Co., Ltd.; J. M. Steel & Co., Ltd.; C. Tennant Sons & Co., Ltd.; V. & T. Weissberger.

Carbonate of Potash Section.—F. W. Berk & Co., Ltd.; Major & Brinkman, Ltd.; Bush, Beach & Gent, Ltd.; Garthwood Co., Ltd.; R. W. Greeff & Co., Ltd.; A. Hoffmann & Co., Ltd.; Millwards Merchandise, Ltd.; Charles Page & Co., Ltd.; L. R. B. Pearce, Ltd.; H. M. Roemmele & Co., Ltd.; Sir S. W. Royse & Co., Ltd.; Frank Segner & Co., Ltd.; Stephens Bros. & Banner, Ltd.; J. M. Steel & Co. Ltd.; Union Oxide & Chemical Co., Ltd.

The secretaries of Kalium, Ltd., are Thomson McLintock & Co., and the registered office is at 101 Cannon Street, London, E.C.4.

TRADE MARKS

From "The Trade Marks Journal," April 19)

According to "The Trade Marks Journal," April 19, 1944, specifications Nos. 623,581–82, by Sir Thomas & Arthur Wardle, Ltd., have been altered so as to read: "Chemical products, consisting of the sodium salt of dinitro-ortho cresol, used in agriculture, horticulture and forestry (other than weed-killers, insecticides and fungicides)" and "Chemical products consisting of the copper salt of dinitro-ortho cresol, used in agriculture, horticulture and forestry (other than weed-killers, insecticides and fungicides)."

From "The Trade Marks Journal," April 26)

CROSSED KEYS BRAND" on circular device of crossed keys; for all goods (2) and (5). By B. Laporte, Ltd., Kingsway, Luton, Beds. 626,710–12 (Associated).

PANCROMA"; for non-medicated toilet preparations and cosmetics (3). By Doris Greenberg, 3 The Bryn, Chartridge, Chesham, Bucks. 625,719.

CHAS. H. PHILLIPS" facsimile signature; for non-medicated toilet preparations, etc. (3). By The Chas. H. Phillips Chemical Co., Ltd., 179–81 Acton Vale, London, W.3. 627,180 (Associated).

WHOOPEE"; for perfumery, essential oils, non-medicated toilet preparations, cosmetics, dentifrices (3). By Latimer Ivey, 13 Disraeli Gardens, London, S.W.15. 627,362.

FRASQITA"; for non-medicated toilet preparations and for cosmetics (3). By Metropolitan Chemicals (Kingston), Ltd., 22 High Street, Kingston-on-Thames. 627,445.

SURGEENE" and "VALGENE"; for non-medicated toilet preparations, etc. (3) and for pharmaceutical preparations and substances (5). By G. Thornfield, 28–34 Fortess Road, London, N.W.5. 627,460–63 (all Associated).

'ISKARA"; for non-medicated toilet preparations, etc. (3). By Vine's, 222–24 Harrow Road, Paddington, London, W.2. 627,464.

'ANTIPHLOGISTINE"; for pharmaceutical preparations and substances for treatment of inflammatory conditions (5). By The Denver Chemical Manufacturing Co., 163–67 Varick Street, Manhattan, New York, U.S.A. B618,950 (Associated).

'POLYB"; for vitamin preparations for use in medicine and pharmacy (5). By U.S. Vitamin Corporation, 250 East 43rd Street, New York, U.S.A. 624,664.

'GRANOLAX"; for laxatives (5). By Granto Laboratories, Ltd., 108 Mortlake Road, Kew, Surrey. 624,728.

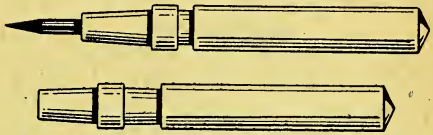
'MEDIGREE"; for pharmaceutical preparations for human use (5). By D.D.D. Company, Ltd., 3 Fleet Lane, Ludgate Circus, London, E.C.4. B625,624 (Associated).

'PERSOM"; for all goods (5). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 627,368.

TRADE NOTES

Vitamin B_1 Ampoules.—Roche Products, Ltd., Welwyn Garden City, have introduced 100-mgm. ampoules of Benerva vitamin B_1, in order to facilitate administration of the larger dosage indicated in some conditions by the present trend of medical opinion.

Whalebone Tooth-pick.—The accompanying illustration shows (actual size, open and closed) the Ijeenic tooth-pick and gum



massager supplied by S. Maw, Son, & Sons, Ltd., New Barnet. The article consists of an Arctic whalebone pick firmly set in a plastic mount and fitted with a plastic cap. The whalebone, being durable, should last many years.

Tablets Instead of Capsules.—Stephen Matthews & Co., Ltd., London, E.C.4, state that owing to a war-time hold-up in the supply of gelatin-capsule containers, they are compelled for the time being to market Curicones rheumatic remedy as compressed tablets instead of in gelatin capsules. The remaining stocks of the gelatin-capsuled product are being disposed of in the 5s. size, the larger size being temporarily withdrawn.

Diagnostic Jelly.—Tuberculin diagnostic jelly, A. & H., issued by Allen & Hanburys, Ltd., London, E.2, is claimed to provide a simple and efficient tuberculin skin test. Results indicate that it is more accurate, keeps better, and has a lower cost than the Vollmer patch (see "British Medical Journal," April 15, p. 531). The preparation is available in tubes of 2 gm. (twenty tests) and 5 gm. (fifty tests).

Price and Pack Changes.—Wilcox, Jozeau & Co., Ltd., London, N.1, announce increases in the retail and trade prices of Valda pastilles and a change in the pack of Inotyol ointment, which is in future to be issued in jars of 25 gm. in place of tubes. Full details of both changes are given elsewhere in this issue, and the makers state that ample stocks of all the company's specialities exceptValda pastilles are available.

Business Changes

MR. T. J. LYNCH, L.P.S.I., Cahir, co. Tipperary, has been appointed representative for the Lilmar Manufacturing Co., Ltd., Santry, co. Dublin.

BIRTHS

PEARSON.—At Oakleigh, Long Lane, Blackheath, Birmingham, on May 3, Caroline Annie, the wife of Lawrence Charles Pearson, M.P.S., 44 Genners Lane, Bartley Green, Birmingham, 32, of a daughter.

REAVLEY.—On May 5, Sybil Reavley, M.P.S., High Street, Burford, Oxford, daughter of Mr. Robert Reavley, Ph.C., Burford, of a son.

MARRIAGE

MACEVOY—MCCONN.—At the Church of the Most Holy Redeemer, Bray, recently, Jerome MacEvoy, M.P.S.I., the Medical Hall, Granard, co. Longford, to Ellen McConn, L.P.S.I., Curramore, Athleague, co. Roscommon.

DEATHS

CAMPKIN.—On April 29, Mr. Bernard Sidney Campkin, M.P.S., 11 Rose Crescent, Cambridge, aged seventy. Mr. Campkin qualified in 1895, and succeeded his father (a former vice-president of the Pharmaceutical Society) in the business at Rose Crescent. He was a founder-member of the former Cambridge Pharmaceutical Association, its secretary in 1893, and its president from 1907–10. He became secretary of the Cambridge Branch of the Pharmaceutical Society when the Association was merged into the Branch.

GORDON.—Recently, Mr. Herbert Monro Marshall Gordon, M.P.S., 49 Tithe Walk, Mill Hill, London, N.W.7. Mr. Gordon served his apprenticeship with the late Mr. John Innes, Elgin, Scotland, and qualified in 1920.

GRIFFITHS.—On April 1, during internment in Japan, Mr. Harry John Griffiths, M.P.S., Sannomiya, Kobe, Japan, formerly of Buckingham. Mr. Griffiths qualified in 1907.

JONES.—On March 16, Mr. James Herbert Jones, 4 Warren Road, Prestatyn, Flints. Mr. Jones qualified as a chemist and druggist in 1883.

KEARNEY.—In Canada, recently, Mr. Thomas Kearney, L.P.S.I., aged sixty-five. A native of co. Donegal, Eire, Mr. Kearney was formerly on the staff of W. F. Wells' pharmacy in Upper Baggot Street, Dublin. He qualified in October 1904, and was gold medallist for 1904–05. Subsequently he settled in Kamloops, British Columbia, where he had been for the past thirty-seven years. On two occasions Mr. Kearney revisited Ireland, and made one trip to the Holy Land. Mr. Kearney was a life-long member of the Anglican Church, in which he held various offices.

MACDONALD.—At his home, Shianmhor, Arnside, Westmorland, on May 2, Dr. David Mitchell Macdonald, M.D., D.P.H., F.R.C.P. Ed., aged seventy-four. Dr. Macdonald qualified as a chemist and druggist in 1891 after studying at Aberdeen, where he graduated in medicine in 1900. The "Student's Pocket Prescriber," of which he was the compiler, has gone through eleven editions since the first in 1882, and he had just completed a twelfth for the press (nineteenth printing). Much of the treatment sections had been completely rewritten in the light of recent advances, while he had translated into English from the full Latin of the previous editions the directions of the 546 prescriptions.

MCCLURE.—On April 25, Mr. George Smith McClure, M.P.S., 86 Lark Lane, Liverpool, aged fifty-three.

PARISH.—On April 23, Mr. Alfred James Parish, 17 Chatsworth Road, Brighton, aged eighty. Mr. Parish qualified as a chemist and druggist in 1887.

PARRY.—On April 28, Mr. Idwal Parry, M.P.S., 22 Station Road, Llanrwst, Denbighs. Mr. Parry qualified in 1898.

PICKARD.—While on service with the Forces, recently, Captain Frank Pickard, R.H.A., M.P.S., 49 Queen Street, Morley, Leeds. Captain Pickard qualified in 1931.

PROFIT.—On April 18, Mr. Thomas Profit, M.P.S., 48 Cotswold Way, Enfield, Middlesex, aged seventy.

STEIN.—On April 14, while on active service in India, Flying-Officer John Fountain Stein, R.A.F., Ph.C., 8 Sidney Road, Bedford. Flying-Officer Stein qualified in 1939 and passed the Pharmaceutical Chemist examination in the following year.

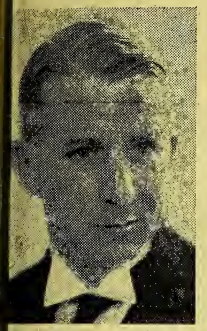
STOCKWIN.—On April 30, Mr. Gideon Augustus William Stockwin, 219 Boroughbridge Road, York, a director and representative of Bleasdale, Ltd., manufacturing chemists, York.

TAYLOR.—Suddenly, at 6 Randolph Road, Glasgow, W.2, on May 2, the younger son of Mr. J. A. S. Taylor, M.P.S., aged fourteen.

TRENHOLME.—On April 26, Miss Margaret Joan Trenholme, M.P.S., 6 Rossett Drive, Harrogate, aged twenty-eight.

PERSONALITIES

PROFESSOR WALTER NORMAN HAWORTH, R.S., who was recently elected president of the Chemical Society (see *C.&D.*, April 29, p. 457), was born in 1883. A pupil of Professors H. B. Dixon and W. H. Perkin at the University of Manchester, he became, after graduating B.Sc., with first-class honours in chemistry, private research assistant to Professor W. H. Perkin, with whom he published a number of papers on the nstitution and synthesis of the terpenes, cluding sylvestrene. In the year 1911 he as appointed to the teaching staff of the nperial College of Science, South Kenngton, and subsequently became lecturer nd then reader in chemistry at the Univer-y of St. Andrews. In 1920 he was pointed Professor of Organic Chemistry nd Director of the Department of Chem-ry, King's College, Newcastle-upon-Tyne. e was elected a Fellow of the Royal ociety in 1928. During the past nineteen ars he has held the Mason chair of nemistry, University of Birmingham. His ter researches were concerned with the emistry of the carbohydrates and vitain C. Professor Haworth was awarded e Nobel prize for chemistry in 1937. He ceived the honorary Sc.D., University of ambridge, in 1939, the honorary D.Sc. of urich in 1937, the Longstaff medal of the hemical Society in 1930, the Davy medal the Royal Society in 1934, and the Royal edal of the Royal Society in 1931–32, and e is the present Dean of the Faculty of cience, University of Birmingham.



ofessor W. N. Haworth

ALDERMAN C. A. CRITCHLEY, Ph.C., has een reappointed chairman of the Blackurn Area Assessment Committee.

MR. ALEXANDER JOHNSTON has been ected president of the Federation of ritish Rubber and Allied Manufacturers' ssociations.

MR. F. J. MORTIMER (editor of the Amateur Photographer") was recently warded the Progress medal of the Royal hotographic Society "in recognition of his ontributions to the progress of photography over a long series of years, as editor, author, organiser of the London Salon of Photography, judge, lecturer, and pictorialist."

DR. JOHN ALEXANDER CHARLES has been appointed a deputy chief medical officer in the Ministry of Health. Dr. Charles has been Medical Officer of Health, Newcastle-upon-Tyne, since 1932, and is a member of the Minister of Health's Medical Advisory Committee.

DR. P. HAMILL, who represents the Royal College of Physicians on the National War Formulary Committee, contributed a letter to "The Times" recently in which he recommended the instrument-sterilising solution of the National War Formulary (liquor boracis et formaldehydi) as a means of keeping razor blades keen and free from dust particles.

MR. EDWARD A. TOMBLIN, Oadby, Leicester, who was recently elected chairman of the Leicester Branch of the Pharmaceutical Society, was educated at Alderman Newton's School, Leicester, and apprenticed with Wands, Ltd., Leicester. Most of his apprenticeship was spent under the late Mr. William Jack, a Scotsman and a very capable pharmacist and manager, to whom he acknowledges his indebtedness for a sound training. In 1915 he volunteered for the Army and was sent to a field ambulance, being later transferred to the first Water Tank Column. After demobilisation he had nine months in the pharmacy department, Leicester College of Technology, and qualified in July 1920. After a period as manager he opened his present business in 1921. For many years he has served on the committee of the local branch of the Pharmaceutical Society, and for more than fifteen years has been a member of the Leicester Pharmaceutical Committee, for over ten a member of the County Insurance Committee. He is the only pharmacist on the latter committee. Outside pharmacy he is a member and acting secretary of the local British Legion committee.

Mr. E. A. Tomblin

A CENTENARY AND ITS BACKGROUND

At a Liverpool restaurant, on April 14, the departmental managers and representative staff of R. Sumner & Co., Ltd., Hanover Street, Liverpool, entertained their managing director (Mr. R. Whitfield) to dinner. The occasion was the completion of 100 years' development of one of the oldest drug houses in the north of England. Both the nature of the celebration and the fact that it was made the opportunity of a presentation to Mr. Whitfield bear witness to the "personal touch" that characterises the company's activities as much today as throughout its history.

PRESENTATION TO MR. R. WHITFIELD.—*Left to right*, Mr. A. E. Morris (local representative); Mr. D. Hesketh (office manager); Mr. R. Whitfield (chairman and managing director); Mr. J. F. O'Hara (works manager); and Mr. W. Roberts (acting secretary).

Mr. H. J. Bygrave, the Company's South Wales representative, gave the clue to this "family" tradition in proposing the toast "Our Predecessors." The high reputation of the firm, he said, was undoubtedly due to a long line of loyal members of the staff working in close harmony with the directors, for whom high regard had always been felt. From an experience of more than fifty years' service with the company Mr. S. L. Austin responded. Mr. Austin retired some years ago from his post as representative in Yorkshire and the North-east, and his reminiscences of days gone by must have had an intimate and personal interest to many of those present, for, as with many other pharmaceutical concerns, the company has been fortunate in its staff, and counts among its employees many who have more than fifty years to their credit.

Perhaps it was especially significant that the toast "R. Sumner & Co., Ltd.," was proposed by the local representative, Mr. A. E. Morris, who coupled with it the name of the managing director, Mr. Whitfield. In a reference to the affection that had always bound together the directors and staff, Mr. Morris claimed that the bonds were today as close as ever, and it may be assumed that the proposer, being in close and almost daily contact with the company's headquarters, was in an unique position to assess this feeling. Mr. Whitfield's response to the toast was delayed, from an agreeable cause, while Mr. J. F. O'Hara (the works manager) formally presented to him on behalf of the departmental manager and representative staff, a suitably inscribed gold cigarette-case. Mr. O'Hara said it was the sincere desire of all present that Mr. Whitfield should receive from them some token both of their regard and of their appreciation of his unfailing efforts on behalf of the staff as a whole. These endeavours were shown especially in their managing director's thoughtfulness and foresight when, in 1937, he had inaugurated a staff pension scheme, thus ensuring full provision for the retirement of all employees. The works manager expressed the warm hope of all his colleagues that the guest of honour that evening would be spared to guide the company for many years to come.

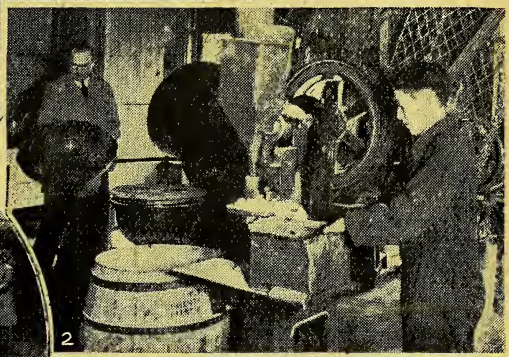
Fully to appreciate the cordiality that exists between directors and staff in this century-old company, it is necessary to know something of its history and tradition. The headquarters was not, of course, always at Hanover Street. The founder, Mr. Robert Sumner, established the business as a private firm of wholesale and manufacturing chemists at premises situated in Lord Street, Liverpool, in a year in which, to give a proper perspective to the conditions existing a century ago, adhesive envelopes were used for the first time in correspondence instead of sealing wax. For some thirty years from 1844, during which the founder was succeeded by his two sons, Edward and Robert, the business remained exclusively an affair of the Sumner family. Then first Mr. Arthur Major Hugill, Ph.C., and later Mr. John Overton were taken into partnership. Together the four partners directed the firm's destinies until the retirement of Edward and Robert Sumner.

"Family" Tradition Continues

Under the capable guidance of Mr. Hugill and Mr. Overton the firm continued to expand throughout the nineteenth century, and in 1900 it was converted into a limited liability company, with the partners as

SUMNER'S OF LIVERPOOL

1. What's cooking? An operation in the manufacturing laboratory.
2. Tablet making and coating.
3. Making up orders in the "wets" room.
4. Surgical instrument showroom.
5. A corner of the sundries showroom.
6. At work in the accounts department.



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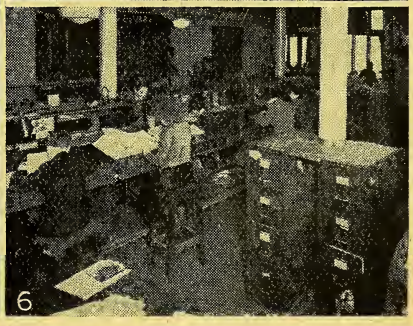

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joint managing directors. By 1914 the fact had become uncomfortably evident that the Lord Street premises were no longer adequate, and removal was therefore made to more extensive premises in Hanover Street, the present address of the company. The war of 1914–18 brought its inevitable difficulties of short staffs and high pressure, with the result that no adequate "log" of the period is in existence, but immediately after the war Mr. Percy Overton (a son of Mr. John Overton) and Mr. Gordon Morum (a nephew of Mr. A. M. Hugill), both of whom had been on active service during the war, were appointed directors. Further changes in the constitution of the board were made necessary in 1922, when Mr. Hugill died, and again in 1930, when Mr. Morum resigned his directorship. These changes left the management in the hands of Messrs. John and Percy Overton, but in 1933 Mr. W. M. Blackwood, who had been an employee of the company since 1901 and manager for many years, and Mr. R. Whitfield, secretary of the company, were elected to the board. Unfortunately the company was to suffer, within a short period of years, further losses from its board. Mr. Percy Overton died in December 1933, and his father, Mr. John Overton, survived him only until August in the following year, when he passed away at the mature age of eighty-two, after having devoted well over fifty years of his life to the welfare and advancement of the company. In these difficult circumstances Messrs. Blackwood and Whitfield became joint managing directors, and they were joined on the Board in 1937 by Dr. R. E. Overton, second son of the late Mr. John Overton. Dr. Overton is at present with the Armed Forces.

Welfare Provisions

By a further misfortune Mr. Blackwood died in the latter part of 1937, leaving Mr. Whitfield, the guest of honour in the present celebrations, in active control of the company as managing director. Throughout this story of many vicissitudes one factor has remained constant. Relationship between executive and staff has invariably been of the happiest, and to this day follows the lines of the best traditional family businesses. The importance attached to the welfare of the staff is evidenced by the inauguration, in 1937, of the pensions scheme already referred to. Under the terms of this arrangement pensions are provided for male employees at the retirement age of sixty-five and for female employees at sixty, while the lives of all males are insured for a lump sum payable to dependants should th employee die before he reaches retiring ag

Today the activities of the compan cover every branch of the pharmaceutic profession. Among the firm's specialiti may be mentioned three typical and widel different proprietaries: Vitasac, a scier tifically prepared baby food which form the basis of an innovation in infant feeding Solution D, famous as the original vapo treatment for the destruction of insect pes in ships' hygiene; and Vitamin Malt, whic the makers proudly proclaim to be the orig inal malt preparation containing vitamin A, B, C, and D. Both at home and in ove seas markets also the demand for th company's specialities is keen. With th passing of the years, the business has bee extended to include comprehensive whole sale proprietary and sundries department including a regional wholesale agency for S Maw, Son & Sons, Ltd., New Barnet, Herts

Centenary Bonus

From the saga which has been unfolde it is clear that the company's centenar has been celebrated in a most fitting wa A feature of the celebrations has been th distribution, to every member of the staf of a bonus based on years of service. Pro vision has also been made for those member totalling over sixty employees of both sexe who are at present in the various Service

It was against this background of friendl relations then, that Mr. Whitfield responde to the toast with which his name wa coupled. He was able to express his thank not only for what he termed "this ver handsome gift," but also for the very ide of holding the function—a suggestion whic emanated from the staff. More than an thing else, he said, he appreciated th thought and regard which inspired it, an he assured the gathering that the welfare o the staff would be in the future, as it ha been in the past, one of his main concern Mr. Whitfield concluded with a reference t members of the staff who had temporaril left the service of the company for th greater and more urgent service of Kin and country.

A centenary celebration is inevitably, lik New Year's Eve, a time for looking back and it was natural that many of thos present, in reminiscent mood, afterward gave anecdotes of happenings during thei long and varied periods of service. It i also, however, a time for looking forward and the spirit that found expression a the company's centenary provides the bes augury of still greater progress to come.

"PHARMACEUTICAL FORMULAS," VOL. I

ILE the eleventh edition of "Pharmaceu-l Formulas," Volume I, was in the press, ain amendments to Part III of the tish Pharmaceutical Codex were issued. he following, here classified as compul-y and permissive, are additional:—

npulsory Amendments

REMOR ZINCI.—The addition of oleic l, 5 parts in each 1,000 by weight, is ered (p. 949).

NG. AC. BORICI FLAV.—Boric acid, ly sifted 1, soft paraffin, yellow 64, l fat 15, distilled water (weight) 20 lacing the formula on p. 1020).

NG. CALAMINÆ.—Hydrous ointment, . (1932), Addendum VI, 1943, is ordered lace of yellow soft paraffin (p. 1022).

NG. HYDRARG. AMMON. DIL.—Hydrous ment, B.P. (1932), Addendum VI, 1943, aces simple ointment (p. 1024).

NG. HYDRARG., PLUMBI ET ZINCI.—ydrous ointment of zinc oxide, B.P. 2), Addendum VI, 1943, is ordered as third ingredient (p. 1024).

NG. ZINCI C. BALS. PERUV.—Balsam eru [weight] 10, zinc oxide 6, boric 0·4, simple ointment 73·6 (replacing formula on p. 1027).

NG. ZINCI C. BENZOINO.—Anhydrous ment of zinc oxide, B.P. (1932), Adden-1 VI, 1943, is ordered as the basis (p. 7).

nissive Amendments

PIRITUS.—(*a*) Aromatic spirit of ammo-may be replaced by aromatic solution mmonia (equal volume) in Mist. Ætheris Ammon. (p. 992), Mist. Cretæ Co. (p.); (*b*) spirit of chloroform by emulsion chloroform in Elixir Thymi (p. 954), ctus Diamorphinæ (p. 977), Linctus morph. c. Ipecac. (p. 978), Syr. Creosoti (p. 1004); (*c*) spirit of nitrous ether by centrated solution of ethyl nitrite (one-ith) in Mist. Potassii Acetatis Co. (p.).

INCTURÆ.—(*a*) Tincture of capsicum be replaced by concentrated tincture capsicum (one-fourth) in Elixir Sennæ gum.) (p. 131), Mist. Ac. Sulphurici c. o (p. 989), Tr. Chlorof. et Morph. Co. 1017), Troch. Chlorodyni (p. 645); (*b*) pound tincture of cardamom by concen-ed compound tincture of cardamom -fourth) in Elixir Bromoformi (p. 951), xir Viburni (p. 133), Mist. Cretæ Co. 990), Tr. Chlorof. Co. (and there diluted h three times its volume of 60-per-cent. alcohol) (p. 1017); (*c*) tincture of ginger by strong tincture of ginger (one-fifth) in Ac. Sulphuricum Aromat. (p. 945); (*d*) tincture of quillaia by liquid extract of quillaia (one-twentieth) in Linctus Codeinæ (p. 977).

TROCHISCI (BASES).—In tolu basis, tincture of tolu may be replaced by (*a*) one volume of concentrated tincture of tolu mixed with three volumes of water; (*b*) solution of tolu (equal volume).

The Council of the Pharmaceutical Society has also made optional the omission of glycerin in the following B.P.C. preparations: Elixir Æthylmorphinæ et Terpini (p. 951), Elixir Diamorphinæ et Pini Co. (p. 952), Elixir Diamorphinæ et Terpini (p. 952), Elixir Diamorph. et Terpini c. Apomorph. (p. 952), Syr. Glycerophosph. Co. (p. 1005); and the reduction of the quantity of glycerin in Glyc. Thymolis Co. (p. 969).

Figures in parentheses are references to P.F.I (eleventh edition). Editorial on p. 522.

STRYCHNINE WARNING

MISUNDERSTANDINGS resulting from recent amendments to the Poisons Rules governing the supply of strychnine have caused the Council of the Pharmaceutical Society to draw attention to the conditions of sale and to emphasise that irregularities in connexion with the sale of this alkaloid must be regarded as serious. Strychnine includes strychnine in nux vomica and in preparations such as solution of strychnine hydrochloride. Strychnine may be sold:—

(1) as an ingredient in a medicine for human or veterinary use;
(2) by way of wholesale dealing;
(3) for export;
(4) to a pharmacist, hospital, doctor or veterinary surgeon for use in dispensing;
(5) for education, research or analysis;
(6) for killing moles and seals, subject to certain conditions.

It is unlawful to sell strychnine for the destruction of rats, mice or other vermin. The statutory conditions are contained in the amended Rule 15 of the Poisons Rules, and include the following:—

It shall not be lawful to sell or supply strychnine except as an ingredient in a medicine.

Provided that this Rule shall not apply to the sale of strychnine—

(*a*) by way of wholesale dealing; or
(*b*) to be exported to purchasers outside the United Kingdom; or
(*c*) for the purpose of being compounded in medicines prescribed or administered by a duly qualified medical practitioner or registered veterinary surgeon.

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.. CXLI MAY 13, 1944 NO. 3353

fact that goods made of raw materials short supply owing to war conditions are ertised in this paper or described in its orial columns should not be taken as an ication that they are necessarily available export.

C.P.W.C. Ignored and Overruled

debate in the House of Commons on dnesday, May 3, on the call-up for ional service of drug women born in 3 confirms the fear that the Government does not realise that the maintenance a minimum adequate pharmaceutical rice is essential to the welfare of the on in war-time. Before commenting on discussion in the House we would refer our previous editorial on the subject & *D.*, March 18, p. 311), in which we osed the proposal to call up the women stants in question. At that time we ed "the Ministry of Labour should be le to realise that the danger mark has ady been passed, and any further letion of staffs in chemists' shops will se a serious breakdown in the pharmatical service throughout the country the responsibility will be theirs." We eve this opinion formed the basis of the test submitted by the Central Pharmatical War Committee to the Ministry of our and National Service; further, that as supported by the Ministry of Health. Ministry of Labour resisted the subsion that it was in the national interest that "1923 drug women" should be exempt from call-up and, we believe, because of the Ministry of Health's continued objection to this decision the matter was eventually dealt with in the highest levels of Government. The Ministry of Labour's decision was upheld, with the result that some further 478 experienced and reliable women assistants are to be taken out of pharmacy.

The 1942 Agreement

It will be recalled that in 1942 the C.P.W.C. and the District Committees came to an agreement with the Ministry of Labour to the effect that, provided men pharmacists were released for the Forces or for national service in satisfactory numbers, women assistants would not be called up. It was because of this agreement that pharmacists all over the country immediately engaged and trained suitable women, being assured they would not be taken. That the C.P.W.C. certainly kept to its part of the bargain was confirmed by the Joint Parliamentary Secretary to the Ministry of Labour (Mr. McCorquodale), who stated in the course of the debate: "My hon. Friend the member for Putney (Mr. Linstead) has been Secretary of the C.P.W.C., and I should like to pay my tribute and the tribute of the department I represent to the admirable and helpful work done by that committee in the war effort." The Ministry of Labour, for its part, readily admitted the arbitrary cut, Mr. McCorquodale stating "this decision having been taken, it was not possible to consult, in the full meaning of the term, the C.P.W.C." The first intimation of this development received by the C.P.W.C. was a Press notice that the women in question were to be withdrawn from pharmacy. There had been no consultation with the C.P.W.C. in the slightest meaning of that term, the Committee having been entirely ignored.

The agreement of 1942—the foundation of the method employed by the C.P.W.C. in releasing men for the Forces—had been torn up. It can be said without fear of contradiction that had the C.P.W.C. the slightest idea that the 1942 agreement with the Ministry of Labour was to be treated as a scrap of paper in 1944 they would certainly have come to very different

decisions on a substantial number of applications for deferment of men. Hundreds of men pharmacists and assistants have been directed to join the Forces or into national service solely because in their cases there were women assistants with sufficient knowledge and experience to carry on.

Call-up of Other Classes

In the course of the Parliamentary debate an assurance was asked for from the Joint Parliamentary Secretary on behalf of the C.P.W.C. "that it can rely upon the support of his Ministry in the future and that there will not be the call-up of these other classes [later age groups] of women drug hands without previous consultation with us." The reply given was to the effect that at the moment no such action was contemplated, but if in future it became necessary to alter these arrangements the Ministry would make every endeavour both to inform the C.P.W.C. and consult them. So in due course drug women born in 1924, 1925 and later years may be called up. Pharmacists concerned with applications for deferment, and particularly the C.P.W.C. when carrying out its duties, should keep this pronouncement well in mind.

The country will certainly be most fortunate if it goes through the sixth winter of the war without suffering the scourge of some widespread epidemic. If, when faced with such conditions, there is a general breakdown in the pharmaceutical service it will be small comfort to the pharmacist and to the nation that the Joint Parliamentary Secretary to the Ministry of Labour had stated in Parliament that "we [the Ministry of Labour] should be much to blame if in any part of the country the supply and distribution of drugs and medicines broke down because of our action."

"Pharmaceutical Formulas"

We have pleasure in announcing that the eleventh edition of "Pharmaceutical Formulas," Volume I, will shortly be available. The first three editions of this well-known *C. & D.* book appeared in 1898. The fourth edition followed in 1899; the fifth in 1902; the sixth in 1905; the seventh in 1908; the eighth in 1911; the ninth in 1914 (it was reprinted, w emendations, in 1919 and 1921); and t tenth in 1929. The last-named edition w on account of the increase in the amou of material dealt with, divided into t volumes, the first containing formulas essentially or predominantly pharmaceu cal character and the second recipes various types of preparation rougl classed as side-lines. The present editi comprises about 700 pages.

A Complex Situation

The psychological moment (to adopt once familiar phrase) for the appearar of a new "Pharmaceutical Formulas," Vol would normally be the earliest practica date after the issue of a new British Ph macopœia. But, for the present, prescrib and dispensers are faced with a comp situation. The date of compilation of t next British Pharmacopœia is, for obvi reasons, uncertain; meanwhile the ph maceutical community, as well as t medical profession, has to adjust its pract to the cumulative demands of the Pharm copœia, its six Addenda, the Brit Pharmaceutical Codex, and five Cod Supplements. (The Sixth B.P.C. Supp ment is referred to in the next paragrap

Foreign Works of Reference

In the case of businesses handling f eign prescriptions, this collection of wo of reference is increased by United Sta Pharmacopœias XI and XII (with Su plement), the French Codex of 1937, a National Formularies VI and VII; these, the American books have appea at unusually brief intervals. We ha thought it desirable to bring this consid able group into an ordered relationship. striking instance of repeated changes official preparations is afforded by ungu tum hydrargyri, B.P. This began present course in 1932 with the introd tion of "ointment of mercury" as the pr cipal English synonym and the remo of "mercury ointment" to a seconda position. In Addendum III permissi to use "a suitable quantity" of wh beeswax in place of an equal weight benzoinated lard was given. In Addendu IV the formula and the permission w repeated, and the synonym "mercu

ment" was transferred to a footnote unguentum hydrargyri dilutum, a official preparation. In Addendum VI basis was changed to a mixture of wool white beeswax and white soft paraffin, oleated mercury was added.

Features

view of the extreme difficulty of com-icating with most overseas countries, inion and Continental formulas on 1–719 have for the most part been left anged, though the opportunity has taken of bringing, where necessary, in of these pages up to date. The on allotted to non-official formulas been similarly treated. The enlarged endix, beginning on p. 944, has been ved for formulas issued since the ication of the tenth edition; this will, elieve, be found a convenient arrange-. They include the relevant contents e official and semi-official books men-d, together with the National War nulary, the National Formulary for onal Health Insurance Purposes, the nulary for Use in Military Hospitals, a section briefly summarising present ods of sterilisation. While the volume in the press, B.P.C. Supplement VI issued. Several of the changes in it previously been announced, and are l in this Appendix; others are re-d on p. 519 of this issue. Attention is n to the Preface, where suggestions he use of the Appendix will be found

ntities as Proportions

e expression of quantities as propor-ate parts has been extended, with the t of avoiding the troublesome fractions encumber some formulas. War-time erity being still the order of the day, explanatory comments that have always a feature of "Pharmaceutical For-as" have been reduced to a minimum, general directions for manipulation aring in pp. 1–943 are not repeated in Appendix. This Appendix is longer than of the tenth edition of "Pharmaceutical nulas," Vol. I, by forty pages; the x to it extends to nearly 3,000 entries. price of the volume is 21s. 9d., postage We trust that it will be as welcome s predecessors.

Eve of the Poll

If there is such a thing as "election fever," it is a condition from which the pharmaceutical electorate appears to have remained immune in the present Council election. Apart from a short burst of activity when the voting papers were issued, all has been quiet, and candidates who have endeavoured to whip up enthusiasm appear to have found the going rather heavy.

Anticlimax

While conceding the necessity of allowing pharmacists in the Services an opportunity to vote (and it is to be hoped that a worthwhile number have taken advantage of it) we may suggest that, if similar conditions recur, some machinery should be devised of holding back the papers of home voters until nearer the election date. To send them out at the beginning of February, when they are not to be counted until May 17–18, involves either early completion and a long period of anticlimax, or retention by the voter, with risk of loss or forgetfulness. Members who attend the annual meeting will also be disappointed that the results of the election will not be made known this year on the day of the meeting.

However, there is every reason to be optimistic that next year will see a return to conditions more nearly approaching the normal, so far as elections are concerned, and in the meantime we urge members of the Society who have not yet voted to ferret out their voting paper from their accumulated correspondence or try and remember the "safe place" in which they put it in February. The papers must reach 17 Bloomsbury Square, London, W.C.1, not later than noon on Wednesday, May 17. If every voter uses his franchise there will be no danger—such as might otherwise exist—of one or more of the very numerous candidates being returned on a comparative handful of votes.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of The Chemist and Druggist, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

PLYMOUTH DISCUSSES REMUNERATION

At a recent meeting of the Plymouth Panel chemists, called by the Pharmaceutical Committee, the questionnaire issued by the National Pharmaceutical Union on the White Paper on health services was discussed. The Secretary (Mr. C. Condy U'Ren), who was elected a delegate to the forthcoming N.P.U. Conference in London, gave a brief outline of the pharmaceutical implications of the White Paper. After discussion, it was agreed to recommend that representatives of the Pharmaceutical Society, the N.P.U., and the Pharmaceutical Standing Committee for Scotland, should comprise the body to negotiate on behalf of pharmacy; that a board analogous to the proposed Central Medical Board should operate for pharmacy, and that the body should have power to limit the opening of new pharmacies in order to ensure a satisfactory service. It was further agreed that the new service should be based upon all dispensing being done through pharmacies, except for hospital in-patients; that all drugs, etc., should be obtained throu chemists; and that the remuneration n paid to chemists for their dispensi service was inadequate. In negotiati new terms, the following items should considered: Increase in overheads; eco omic recognition that pharmacists we having to sacrifice a large proportion their counter trade in order to devote mo time to dispensing; probable increases salaries following application of forthcomi Joint Industrial Council awards; a adequate remuneration to attract the rig type of person into pharmacy.

The suggestion of being paid *per cap* was rejected as against the spirit of t White Paper, in which the patient must ha freedom to choose his own chemist, and b cause of the registration and work involve Other methods of remuneration were co sidered, but it was finally agreed the should be a profit on drugs plus an increas dispensing fee, the present N.P.U. dispensi scale being considered a basis for discussio

NINE-POINT RESOLUTION FROM TORQUAY

At the annual meeting of the Torquay Branch of the Pharmaceutical Society held recently, officers elected for the year were: *Chairman*, Mr. E. J. Bowerman; *Vice-chairman*, Mr. T. D. Evans; *Treasurer*, Mr. W. H. Wyatt; *Secretary*, Mr. H. T. Franks, 9 Hampton Place, St. Marychurch, Torquay. The meeting considered the proposed National Health Service, and, after considerable discussion, approved the following resolutions to be sent to the Parmaceutical Society:—

1. That the layout and approach to a complete medical service, as set out in the White Paper, leave the impression that there is a considerable latitude left for negotiations.

2. That, in view of this, the proposals for a pharmaceutical service as set out by the Society, including a Pharmaceutical Commission, should be withdrawn.

3. That, besides representation upon the central and local health services councils, pharmacy should have a like body to the Central Medical Board, composed entirely of pharmacists, with duties to be discussed and decided upon.

4. That all dispensing shall be under the direct supervision of a pharmacist, and that the public have the right to take their prescriptions where they wish.

5. That the Council press forward with a scheme of ethical conduct which shall be compulsory, thus assuring the Ministry of Health of a continued professional standard, in addition to increased safeguards for t public.

6. That there shall be no control of openi of new pharmacies, but rather a condition direction. Any control should take place l regulation of entrants to the craft.

7. That the principle be established that, the main, the dispensing of medicines shall n be subsidised by other sides of the busines professional fees for dispensing are the conce of the Society.

8. That the Society take a definite initiati in giving the fullest publicity to any propos for free discussion by members, and be prepar for modification before decisions are made.

9. That, in view of the important matte coming up for decision likely to affect the welfa and livelihood of each member, it is the view the Branch that the Council does not tru represent the outlook of members, and that th can only be corrected by an alteration in t method of election: in other words, the Counc has parliamentary powers, but not on a pa liamentary representation.

Most of the discussion centred around th advisability of permitting dispensing in th proposed health centres. A strong minorit was of the opinion that dispensing in healt centres would be detrimental to pharmac The proposed rules governing propagand by candidates for election to the Counc were then discussed, and the meetin unanimously decided against the idea bein adopted at this juncture.

DINBURGH ANNUAL MEETING AND ADDRESS

annual meeting of the Edinburgh and th-eastern Scottish Branch of the rmaceutical Society was held in Edin-gh on April 26, Mr. J. H. Tainsh (chair- of the Branch) presiding. THE RETARY and TREASURER submitted the rt and financial statement, indicating ghly successful session and a satisfactory nce. Both were adopted on the motion IR. HARLEY, seconded by MR. NISBET.

Chairman and Officers

R. TAINSH said he had every reason to proud of his committee and took the ortunity of thanking them for their port. The secretary (Mr. Drummond) been most helpful. He had pleasure in nitting, as successor, the name of W. A. Beattie. The nomination of Beattie as *Chairman* was unanimously ed and Mr. Beattie proceeded to the r. The following other office-bearers e elected: Mr. James Somerville, Edin-gh, *Vice-chairman*; Mr. Charles G. Drum-nd, 38 Grassmarket, Edinburgh, *Secre- and Treasurer*; Messrs. J. E. Balfour, nburgh; R. Gordon Drummond, Fal-; G. Hedderwick, Edinburgh; W. J. k, Loanhead; P. T. McLaren, Edin-gh; Peter Nisbet, Leith; Gordon rins, Edinburgh; J. J. Stone, Porto-o; J. H. Tainsh, Edinburgh; J. Tees-, Edinburgh; J. Watson, South Queens-y; and T. Wilson, Burntisland, *Com-ee.*

ident Secretary Discusses White Paper

HE CHAIRMAN then called on DR. JOSEPH T (the Society's resident secretary in tland) to give an address on "The White er on Health Services, and other Current ics." Now that the Paper had been ed, he said, there was something to down to. Group practice and health tres would be important subjects for estigation. There was not much direct rence to pharmacy, but the White er provided for pharmaceutical repre-tation on the central and local health-vices councils. Chemists would naturally nt representation on all committees ere pharmaceutical interests were in-ved. The question of drugs had to be cussed with the appropriate pharma-tical bodies. The Central Medical Board uld suggest a Central Pharmaceutical ard. Some members were apt to think le was being done to further their cause. is was far from being the case. A Joint Committee on National Pharmaceutical Service, consisting of representatives of the Society, the National Pharmaceutical Union and the Pharmaceutical Standing Committee (Scotland) was busily engaged in framing an outline of views upon the administrative structure proposed in the White Paper. A statement would be published shortly, after which it was hoped meetings would be held in all parts of the country to obtain the views of members. The Secretary of State for Scotland had promised to meet a deputation of Scottish pharmacists in due course.

Discussion

MR. TEESDALE made some observations with regard to employee representation on the various committees, and it was agreed to devote a meeting to the discussion of these problems at a later date. The question of "refresher" courses was raised and members were asked to submit their names and wishes in the way of subjects. MR. MCDOUGALL (secretary, Edinburgh Pharmacy Association) read a report on work done throughout the year. On the motion of MR. TAINSH, the report was adopted, and the Association was congratulated by MR. HEDDERWICK on its valuable service.

MANCHESTER ANNUAL MEETINGS

THE annual meetings of the Manchester Pharmaceutical Association, local Branch of the Pharmaceutical Society, and Junior Branch were held on April 25, Mr. W. Edwards in the chair. THE SECRETARY (Mr. T. Miller) read the report of the Association Council and Branch Executive, and the JUNIOR SECRETARY (Mr. J. Tomlinson) that of the junior executive. THE TREASURER (Mr. G. V. Tyler) submitted the annual reports and balance sheets of the Association and Branch, both of which showed a small balance in hand. All the reports were adopted. The Council of the Association and executives of the branch and junior branch were elected, the auditor (Mr. H. Woodhead) and librarian (Mr. H. Brindle) being thanked for their services and re-elected. Votes of thanks were accorded to the president (Mr. W. Edwards), Branch chairman (Mr. H. Brindle) and other officials. Representatives appointed to the British Pharmaceutical Conference were Messrs. E. Cronin, J. H. Franklin, T. Miller, W. E. Phillipson and H. Steinman.

PHARMACEUTICAL SOCIETY OF GREAT BRITAI

THE Draft Report of the Council of the Pharmaceutical Society for the year 1943, to be presented at the annual meeting on May 17, contains the following items:—

Registration

Names on the registers of pharmaceutical chemists and chemists and druggists at the end of the year totalled 25,224, an increase of ninety-one. 1,669 were pharmaceutical chemists, an increase of forty-three. Seven persons were registered under a reciprocity agreement, and thirty-nine foreign pharmacists were granted temporary registration. Persons acting as superintendents of companies, firms or partnerships numbered 2,071, a decrease of seven. 452 persons were registered during the year as apprentices or students, a decrease of one. Premises registered under the Pharmacy and Poisons Act, 1933, and Pharmacy and Medicines Act, 1941, totalled 13,997, a decrease of 446. 3,897 pharmacists serving in H.M. Forces applied for exemption from payment of annual retention fees.

Entries, including re-entries, for the whole or part of the Intermediate examination numbered 804, of whom 402 passed; the corresponding figures for the Chemist and Druggist Qualifying examination were 685 and 322. There were 105 entries for the Pharmaceutical Chemist Qualifying examination; sixty-three candidates passed. Twenty-seven candidates gained the diploma in biochemical analysis.

Law Enforcement

Premises visited by the Society's inspectors included 9,453 pharmacies, 5,355 drug stores and other shops, and the premises of 902 listed sellers. Proceedings were instituted in forty-eight cases of alleged infringements of the Pharmacy Acts, one case being dismissed and appropriate penalties imposed in the others. The consent of the Attorney-General to prosecute was sought in nine cases of alleged breaches of Sections 8, 9, and 12 of the Pharmacy and Medicines Act, 1941; in six a fiat was granted and proceedings were successfully instituted. The Council continues to receive reports of illegal transactions in strychnine. During the year the Council drew the attention of the Ministry of Health to the sale of substitutes for widely used medicines in which one or more of the ingredients, being statutory poisons, have been omitted. The increasing sale of preparations containing hormones or glandular extracts recei attention. Difficulties of applying the A to these preparations point to the need new legislation. 2,763 periodicals w examined, and a decision was secured t the use of the words "Not to be taken case of pregnancy" constituted a bre of the law.

In the case *Pharmaceutical Society Littlewood's Mail Order Stores, Ltd.*, Court held that the word "supervisio requires the pharmacist to have cognisa of each sale as it takes place. The restr tion on sale of substances recommended medicines and sold under a B.P. or B.P description has had the effect of bring on to the market a range of substan sold under proprietary designations a outside the control of the Foods and Dr Acts. Interpretations of the definiti "substance recommended as a medicin and "proprietary designation" were be sought. The interpretation of the w "shops" was the subject of a decision the High Court, and the Council circulat a copy of the judgment to all lo authorities.

Education

The report of a Privy Council Visitor to t examinations led to meetings of the Edu tion Committee with teachers and exa iners. As a result, draft new syllabuses biology and physiology were prepared a submitted to teachers and boards examiners. Discussions took place wi the Minister of Labour as a result of whi reservation was granted to a limited nu ber of students studying for the Pharm ceutical Chemist Qualifying examinatio The Royal Institute of Chemistry agre to accept the Society's intermediate exa ination in biology as satisfying the requir ments on that subject for the Associatesh of the Institute. The syllabus for t examination for the diploma in biochemic analysis was altered by inclusion of t determination of sulphonamides in blo and urine and the examination of urine f vitamin C. To commemorate the Centena of the granting of the Charter, the Coun decided to establish an annual Chart travelling scholarship for pharmacists, t first award to be deferred until after t war.

College of the Society

The School of Pharmacy returned t London in September. The return in

ed heavy additional duties on the school ff, to whom the Council acknowledges indebtedness. Students enrolled in the ool for the session totalled forty-five, research work has been maintained.

raries and Museums

ooks circulated by the library in Lon- numbered 7,607, against 8,040 in 1942, in Edinburgh 1950, against 2,643. umes added to the libraries numbered nty-one, of which twenty-six were dona- ns. The difficulty of replacing lost or naged books made it necessary to dis- tinue lending foreign and other irreplace- books, and to maintain the service ch information was supplied by means photostat copies and typewritten ex- cts. A few additions were made to the seum collections, and samples of drugs e supplied to university departments, lysts, and a forensic science laboratory. cimens were provided to assist the work the Pharmacopœia Commission and of Codex Revision Committee.

nevolence

he income of the Benevolent Fund for eral purposes was £8,578, of which 011 (an increase of £1,050) was derived n subscriptions and deeds of covenant. expenditure on casual grants for 104 sons was £2,900, against £3,486 for in 1942, and expenditure on annuities 433. Seventeen new annuitants were ted, making the total seventy-one, an ease of nine. The income from the ls Orphan Fund investments was £214, arrangements were made for three hans to be educated at the Royal nstead School, making four there and at Reeds School. The income of the han Fund was £815, an increase of 2.

r Aid

ontributions to the War Aid Fund ounted to £4,860, bringing the total to ,827, and disbursements to £853, making otal of £2,901. The penny-in-the-pound eme had been operated by forty-one armaceutical Committees. Textbooks, dy notes and parcels were sent to sixty- e pharmacists and student prisoners of , ten of whom had been repatriated. ntact was made with relatives or friends twenty-eight members of the Society in panese hands.

Forty-five speakers were supplied to nches. Decision upon the final form of revised Statement on Matters of Professional Conduct had not been reached at the end of the year. The Branch Representatives' meeting was attended by 147 representatives from fifty-seven branches.

The Council called a conference on employee organisation; agreement was not reached as to the steps to be taken, but an agreed report was subsequently published. Steps were taken to remedy the absence of arrangements for making known outside pharmaceutical circles the work and views of the Society.

National Health Service

Following publication of the report of the Committee on Social Insurance and Allied Services, the Council prepared a statement setting out the principles on which they considered that the pharmaceutical service in a national health service should be based. Later the Minister of Health received a deputation.

The one hundredth anniversary of the granting of the Society's Royal Charter took place during the year; the event was marked by an address by the president.

The Statutory Committee conducted twenty-one disciplinary inquiries, directing the removal from the Register of the names of eight pharmacists and disqualifying one body corporate for five years.

Council Meeting

Matters dealt with "in committee" at a meeting of the Council of the Pharmaceutical Society held on May 2 included receipt of a letter from the British Council confirming their assumption of responsibility for administering the scheme of scholarships for Chinese students. It was reported that Glaxo Laboratories, Ltd., had agreed to give a scholarship. Mrs. Irvine submitted a motion proposing that the Council should forthwith act upon the power given them by the Examination Regulations to apply to apprenticeship served in shops the conditions for practical courses of study at present applied to apprenticeship served in hospitals and manufacturing laboratories. The motion was lost, but an amendment by Mr. A. R. Melhuish that these conditions should be enforced "as soon as practicable" was carried. Resolutions from the East Cumberland and Torquay Branches were referred to the Joint Committee. The recommendations of this Committee upon the administrative structure of the White Paper proposals were received and referred to the Branch Representatives' meeting. A report of the Council's Wednesday session was given in last week's issue (p. 493).

FINANCIAL STATEMENT

Summary of Income and Expenditure for Years Ended December 31, 1943 and 1942

GENERAL FUNDS	Expenditure		Income		Surplus	Defic
	1943	1942	1943	1942		
	£	£	£	£	£	£
Education						
College	14390	12272	4201	3710	—	1018
Museum	106	105	—	—	—	10
Library	1043	975	—	—	—	104
Examinations	9047	9868	15028	15798	5981	—
Miscellaneous	328	395	—	—	—	32
	24914	23615	19229	19508	—	568
Less net benefit from Pharmaceutical Trust	2306	2636	—	—	—	230
	22608	20979	19229	19508	—	337
Law						
Law Department	10962	11309	19895	20312	8933	—
Benevolence						
Benevolent Fund—General	5333	5292	8578	7459	3245	—
,, ,, —War Aid	853	825	5389	6914	4536	—
Hills Orphan Fund	—	—	214	214	214	—
Orphan Fund	953	—	815	593	—	13
Supplementary Benevolent Fund	—	—	—	5	—	—
Conference Entertainments Fund	—	—	40	40	40	—
	7139	6117	15036	15225	7897	—
Organisation	1691	1347	—	—	—	169
Publications						
Pharmaceutical Journal	4551	6824	—	—	—	455
Quarterly Journal	1021	956	850	700	—	17
British Pharmaceutical Codex	2790	2605	3834	4622	1044	—
Extra pharmacopœia	3486	4294	4871	7787	1385	—
Pharmaceutical Pocket Book	291	146	347	262	56	—
Calendar	112	111	116	245	4	—
Register (included under Law)	—	—	—	—	—	—
History of Pharmacy	6	6	22	14	16	—
Centenary Book	—	538	—	572	—	—
Sundry Publications	766	563	1041	884	275	—
	13023	16043	11081	15086	—	194
North British Office	4188	3818	—	—	—	418
Headquarters	23554	23185	39107	35862	15553	—
Premises	—	—	1767	2633	1767	—
Parliamentary	—	—	529	—	529	—
Miscellaneous						
Superannuation	2959	2960	—	—	—	295
Pensions	1625	2175	—	—	—	162
Subscriptions to other bodies / Sundries	1360	1673	—	—	—	136
Interest on loan against mortgage, *less* interest received	3069	3148	1875	1009	—	1194
	9013	9956	1875	1009	—	7138
	92178	92754	108519	109635	16341	—
SPECIAL TRUST FUNDS	448	577	862	857	414	—
Grand Total	92626	93331	109381	110492	16755	—

TRADE REPORT

quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include ne war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, May 10

week has been characterised by ledly quieter business all round, with price fluctuations. A considerable ber of the less important items, and w of the important ones, are now out ock but, as a whole, supplies are being nably well maintained. In the PHARCEUTICAL CHEMICALS section a few l modifications in prices have occurred ne or two items, but no changes of r importance have been notified. litions as a whole remain remarkably ly, with turnover of modest dimensions.

le Drugs

siness in this section of the markets inues on routine lines, with most of orders coming from the home manufacg trades, the quantities involved being small. BALSAM TOLU is not yet avail- to buyers, but allocations have been ted for further supplies. Indian BELLANA LEAVES are in short supply, and s are nominal. Stocks of BENZOIN now reduced to a few cases. CARDAS are steady at previously quoted rates. ribution of Lease-Lend CASCARA ADA is proceeding. Mombasa CHILLIES inues to be the only variety offered. GON'S BLOOD is scarce, and the price d be almost nominal. ERGOT remains hort supply on spot. GUM ACACIA is at the level stated last week. No ge can be reported in the position of ACUANHA, supplies of which are exted. MENTHOL is difficult to find, and lable supplies seem to comprise a few lots. NUTMEGS are steady at the fracally higher figure noted last week. business has been done in RHUBARB, ks of which are not plentiful. Little and is evident for SEEDS, but quoted es are maintained at former levels.

ntial Oils

e position of the "free" essential oils is anged, with request far exceeding lable supplies and quoted values ntained at previous levels. Any avail- small lots of ANISE (STAR) or PEPPER would fetch substantial prices, but finds are difficult to locate. EUCATUS continues scarce at the higher figure noted last week. One change in the price of unrefined oils and fats and technical animal fats—a reduction in the various grades of SPERM—is notified by the Ministry of Food for the next control period.

Pharmaceutical Chemicals

ACETANILIDE.—Crystals are offered at 2s. 5d. per lb., and powder at 2s. 6d.

AMPHETAMINE.—Makers continue to quote at approximately 150s. per lb.

BORAX.—Makers' current rates are as follows: B.P. quality, granulated, £42 per ton; crystal, £43; powder, £43 10s. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

BORIC ACID.—B.P. quality is quoted by makers as follows: Granulated, £20 per ton; crystal, £71; powder, £72. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

CITRATES.—Makers quote POTASSIUM per lb., in 28 lb.–1 cwt. lots, as follows (containers in brackets): 3s. 3½d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. 0½d. (14-lb.); 3s. (28-lb.). IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above; and SODIUM is at 1d. per lb. below these prices; POTASSIUM and SODIUM POWDER, 1d. per lb. extra.

ETHERS (METHYLATED).—Makers' prices per lb., in Winchester quarts, are as follows: 0·750, 1s. 5½d.; 0·735, 1s. 5¾d.; 0·730, 1s. 5¾d.; 0·725, 1s. 7¾d.; 0·725 (triply rectified), 2s. 0¼d.; 0·720, 1s. 8¾d.; 0·717, 2s. 2¾d.; 0·720, B.P. (not for anæsthesia), 1s. 10d.

MAGNESIUM TRISILICATE.—Makers quote for the home market, in quantities of 28 lb.–1 cwt., as follows (containers in brackets): 3s. 6½d. per lb. (1-lb.); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3s. 3½d. (14-lb.); 3s. 3d. (28-lb.).

MERCURY IODIDES. — The following are makers' prices per lb.: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

PHENOLPHTHALEIN. — Makers' prices are steady as follows: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2–4 kilos, £64; 1 kilo, £65; 500 gm., £66; 560 gm., £67; 100 gm., £68; less than 100 gm., £69 per kilo. Carriage paid in United Kingdom.

Crude Drugs

AGAR.—Price is controlled at 30s. per lb. by the Control of Agar (No. 1) Order, 1943. A little business is reported done at that figure.

ARECA NUTS.—Offered by dealers at the unchanged price of 115s. per cwt., ex store.

BALSAMS.—No supplies may be obtained of *Tolu* or *Copaiba*, but allocations have been granted for the former. *Peru* is steady at 7s. 9d. per lb., and *Canada* at 10s.

BELLADONNA.—Indian leaves are scarce on spot and the price would be nominal at about 5s. 3d. per lb.; Indian root, 0·49 per cent., is available at 500s. per cwt., and 0·36 per cent. at 330s.

BENZOIN.—Remaining supplies would fetch up to £35 per cwt. for B.P. purposes.

CAMPHOR.—Small supplies of Chinese crude may be obtained at 10s. per lb.; B.P., also in small compass, 11s. 6d., subject to D.M.S. approval.

CARDAMOMS.—Steady at previously-quoted rates. Aleppy greens, spot, 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CASCARA SAGRADA.—Lease-lend supplies are now being distributed at 260s. per cwt. A small quantity of bark due shortly from Canada is being offered; price, subject to official approval, seems to be about 225s. to 230s. per cwt.

CHILLIES.—Mombasa continues to be available on spot at 115s. per cwt., sellers.

CLOVES.—Spot quotations for Zanzibar are at 1s. 2d. per lb., sellers; second-quality to arrive, 10d. per lb., c.i.f., sellers.

The report of the Zanzibar Clove Growers' Association for the quarter ended December 31, 1943, states that supplies were: Zanzibar produce, 4,500,795 lb.; Pemba produce, 12,229,002 lb. Exports to all destinations totalled 4,767,871 lb. The destinations and quantities (in lb.) of exports during the quarter were as follows: North and South America, 3,796,160; Arabia and Persian Gulf, 584,100; Australia, 119,980; South Africa, 27,270; Switzerland, 25,700; Nigeria, 12,656; East Africa, 11,805; Bombay and Indian ports, 4,500; United Kingdom and Continent, 3,360; elsewhere, 182,340. In terms of standard bales (140 lb.) supplies were 119,498 and exports 34,057. Of the total exports the Association supplied 50 per cent. Exports of clove oil during the period under review were 119,957 lb.

COCHINEAL.—Spot supplies of blacks in first hands are exhausted, but new allocations have been granted.

DIGITALIS LEAVES.—Steady at previously quoted rates. Portuguese, spot, 135s. to 140s. per cwt., according to holder; English-grown leaves, 2s. 6d. per lb.

DRAGON'S BLOOD.—Supplies are nearly exhausted and price is nominal. £25 per cwt. would be wanted for any available small lots of dull Zanzibar drops.

ERGOT.—Spot supplies continue short; price from 6s. 3d. to 6s. 6d. per lb., according to holder.

GUM ACACIA.—Kordofan cleaned sorts, spot, 80s. per cwt.; bleached, shipment, 140s., c.i.f.; Talha, cleaned, 50s. per cwt., landed.

HENBANE.—Indian leaf, spot, 250s. to 27 per cwt., according to holder, with some l testing material at 1s. 3d. per lb. Russian is available at 350s. per cwt.

IPECACUANHA.—Position is unchanged, w supplies of both root and liquid extract hausted.

MENTHOL.—There is no change in the p tion as outlined last week.

MYRRH.—Good Aden sorts are steady spot at £20 per cwt.

NUTMEGS.—West Indian, wormy and brok 1s. 5d. per lb.; sound unsorted, 1s. 7½d.

NUX VOMICA.—Spot offers of Cochin are 40s. per cwt.; shipment, 35s., c.i.f.; forw price of Cocanada seeds would be 32s. 6d. cwt., c.i.f.

PEPPER.—Maximum prices of whole, picked over or cleaned, on sale to process are 1s. 4d. per lb. for white and 1s. per lb. black, both duty paid.

PIMENTO.—Sellers on spot at 1s. 5d. per l

RHUBARB.—A fair business is reported rough-round at 9s. 6d. to 10s. per lb.; high-dried, 10s.

SARSAPARILLA.—A few bales of native remain, for which 4s. 9d. to 5s. per lb. would wanted.

SEEDS.—Conditions remain quiet, with b ness on a restricted scale. Current values as follows: CORIANDER.—Indian, 80s. per c CUMIN.—Maltese, spot, 110s.; Indian, 1 DILL.—160s., ex wharf. FENNEL.—Offered 85s. FENUGREEK.—May be had at 80s. M TARD.—Controlled prices are unchanged.

SQUILL.—Portuguese bulb is steady on s at 75s. per cwt., and Indian at 70s.

TRAGACANTH.—In fair demand at unchang rates. The principal medium grades are quo as follows: No. 1, white, £130 per cwt.; No white, £115; No. 3, white, £100; No. 4, wh £85; pale leaf, £60; amber leaf, £50; d amber, £40; brown leaf, £30; red-and-bro leaf, £25; red leaf, from £20; hoggy, £12 £15.

TURMERIC.—Steady at previously-quo rates; business slow. Madras finger, so quality, spot, 52s. 6d. per cwt., London; 5 Liverpool; 47s. 6d., Glasgow.

WAXES.—BEES'—Supplies may be obtai only through members of the Association Merchant Distributors of Beeswax; offi prices are as follows: Crude, 260s. to 290s. cwt.; refined, 315s. to 355s.; bleached, 3 to 370s.; Calcutta crude, 250s. to 27 Calcutta bleached, 325s. to 335s. CARNAUB Fatty grey, 440s. per cwt., ex store, in m mum one-bag lots; shipment, 386s. 6d., c. Primeira, 540s. per cwt., ex store, with sto scarce; shipment, 475s., c.i.f.; medium yell 527s. per cwt.; chalky grey, 430s. per cw shipment, 375s., c.i.f. (c.i.f. prices include ½ cent. W.R.I.). CANDELILLA.—Under 1 t 235s. per cwt.; 1–5 tons, 232s. 6d.; 5 tons over, 230s., ex store; forward, 225s., c.i.f.

ssential and Expressed Oils

NISE (STAR).—Any odd lots that may be ilable would fetch about 150s. per lb.

AY.—Any available spot supplies would be th around 12s. per lb.

INNAMON.—Price would be in the region of 9d. per lb.

LOVE.—English distillers quote 11s. 6d. to per lb. for B.P. oil, according to quantity.

UCALYPTUS.—In short supply; price of available small lots would be in the region s. 6d. per lb.

ERANIUM.—Genuine North African oil on would be worth about 85s. to 90s. per lb., rding to quantity.

INGERGRASS.—Spot supplies may be obtained 2s. 6d. per lb.

ROUNDNUT.—Controlled prices for bulk olies are as follows: Refined deodorised, £58 per ton; refined hardened deodorised, to 40°, £62; refined hardened deodorised, to 50° to 52°, £63; all naked ex works.

NUTMEG.—English distillers' quotations are unchanged at 40s. per lb., with lower rates for quantities.

PEPPERMINT.—About 160s. to 170s. is mentioned for any small available supplies.

RAPESEED.—Price of bulk supplies was recently advanced to £85 per ton, naked ex works.

Unrefined Oils and Fats.—The Ministry of Food announces that the only changes in the existing prices of unrefined oils and fats and technical animal fats allocated to primary wholesalers and large trade users for the four weeks ending June 3 concern SPERM OIL prices which have been reduced as follows: Crude heads, £61 per ton, ex store, drums included; blubber, £61; carcase, £59; No. 3, £58.

COMING EVENTS

Sunday, May 14

NCHESTER PHARMACEUTICAL ASSOCIATION. amble to Edale, Bretton Clough and Bamrd. Meet Central Station, 8.30 a.m. Book amford return.

Monday, May 15

S-SIDE SUBSECTION, BRITISH ASSOCIATION F CHEMISTS, Y.M.C.A. Rooms, Dovecote reet, Stockton-on-Tees, at 7 p.m. Dr. . A. Southorn on "Thiotropy and Allied roperties."

MINGHAM PHARMACEUTICAL ASSOCIATION nd Branches, Imperial Hotel, Temple Street, irmingham. Annual meetings. At 8 p.m., ational Pharmaceutical Union Branch; at 30 p.m., Pharmaceutical Society Branch; 9 p.m., Pharmaceutical Association.

Tuesday, May 16

TISH CHEMICAL AND DYESTUFFS TRADERS' SSOCIATION, LTD., Savoy Hotel, London, .C.2, at 3 p.m. Twenty-first annual meeting.

TISH BRUSH MANUFACTURERS' ASSOCIATION, onnaught Rooms, Great Queen Street, ondon, W.C.2, at 12 noon. Annual meeting.

TH-EAST METROPOLITAN BRANCH, NATIONAL HARMACEUTICAL UNION, New Cross Inn, 23 New Cross Road, at 7.30 p.m. Discussion n proposals for uniform wages and working onditions in pharmacy.

ST HAM AND EASTERN DISTRICT ASSOCIAON OF PHARMACISTS AND BRANCH, Town all, Ilford, at 7.45 p.m. Variety concert. ickets 2s. 6d. and 1s. 6d. Proceeds in aid of enevolent and Orphan Funds.

Wednesday, May 17

RMACEUTICAL SOCIETY OF GREAT BRITAIN, Bloomsbury Square, London, W.C.1, at noon. 103rd annual meeting and election Council.

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Grange Road Methodist school room, at 7.15 p.m. Annual meeting.

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 3 p.m. Annual meeting and coming-of-age celebration.

WALTHAMSTOW BRANCH, NATIONAL PHARMACEUTICAL UNION, Danecourt, 26 Church Hill, London, E.17, at 7.30 p.m. Mr. R. H. Kemp, Ph.C., on "Is Pharmacy in the Melting Pot?"

INSTITUTE OF WELDING, Institution of Civil Engineers, Great George Street, Westminster, London, S.W.1, at 6 p.m. Dr. J. H. Patterson on "Welding of Plastics."

Thursday, May 18

ST. HELENS SECTION, BRITISH ASSOCIATION OF CHEMISTS, Fleece Hotel, St. Helens, at 7.30 p.m. Annual meeting.

LIVERPOOL CHEMISTS' ASSOCIATION, Royal Institution, Colquitt Street, Liverpool, at 7.30 p.m. Dr. F. A. Barrie on "Pharmacy and Medicine."

CHEMICAL SOCIETY, Burlington House, Piccadilly, London, W.1, at 4.30 p.m. Dr. F. G. Mann, F.R.I.C., on "Some Aspects of the Organic Chemistry of Phosphorus and Arsenic" (Tilden lecture).

Saturday, May 20

GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 3 p.m. Annual meeting.

The R.A.F. Does It.—In less than three years, 276,778 tons of material, including waste paper and cardboard, have been collected by the R.A.F. and re-used or returned to industry.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real nar and address to the Editor

Pharmacy Under a Bureaucracy

SIR,—Little thought appears to have been given to the part that pharmacists must play in the much-debated State medical service, and, in the haste of the moment, pharmaceutical service has either been taken for granted or completely omitted. Whichever the case may be, it is recognised that medical consultation is of no value without the immediate availability of prescribed medicaments. Thus scientific pharmacy must have consideration on an equal footing with the other allied medical sciences. Current pharmaceutical opinion is that pharmacy as a science is being neglected and only partially mobilised for the nation's benefit, the reason suggested for this foolish attitude being that, as the economy of the current medical arrangements demand that pharmacists should be employed in shops rather than in laboratories, popular opinion, notorious for its inaccuracy, regards us as shopkeepers rather than technicians. It should be noted that these "shopkeepers" are at the moment having to subsidise the National Health Insurance funds with several months' financial credit, and when payment is made it is frequently inadequate to meet pharmacists' commitments for the actual cost of drugs supplied. Finally, the prospects of being controlled by non-technical civil servants, with the horrors of bureaucracy and its inevitable delay, does not make for happiness, nor does it promote an attitude essential for a Utopian medical service. A brilliant example of bureaucratic delay has recently occurred in my own pharmacy. Having the apparatus necessary for the production of small amounts of penicillin filtrate, I made contact with the Directorate of Medical Supplies for certain information, and a possible source of supply of the pure culture. To date, three weeks after the original request was made, no information is to hand but, by taking up the matter with a certain manufacturer, I obtained such assistance immediately that penicillin is already in production at this address. If the lapse of over three weeks by the Directorate of Medical Supplies is an indication of the bureaucratic efficiency that will operate in the pending State medical service, the public had better abandon the slogan "health for all" and change the name of the intended service.

Ripley, Surrey. KENNETH E. WHITE.

Licences for Independent Traders

SIR,—A copy of the following lett which has been sent to the President of t Board of Trade (Mr. Hugh Dalton) enclosed for publication in your column

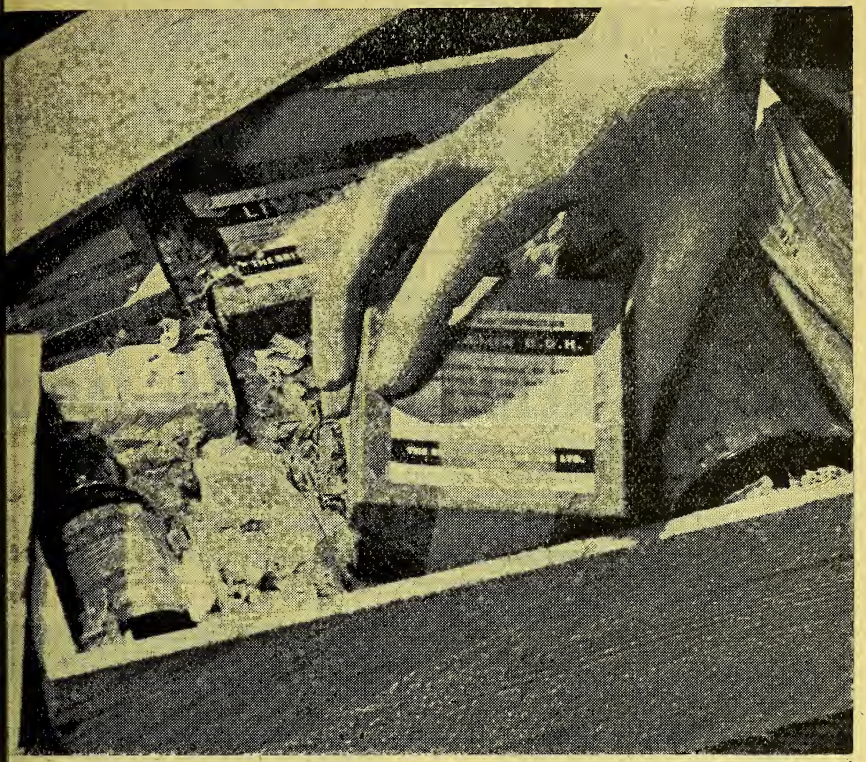
Yours faithfully,
J. RHODES SMITH,
Organising secretary, Independe
Manchester, 4. Traders' Alliance.

I am instructed to invite your attention the two following resolutions, adopted by t executive committee of the Independe Traders' Alliance:—*Reopening of Shops*: T executive committee welcomes the stateme of the Minister of Food that ex-service m and women, others called up for work national importance and now released, and t victims of bombing who desire to reopen fo businesses will be granted licences to tra irrespective of the general consideration th their shops are required to satisfy the needs consumers, but urges that similar facilit should be granted in the non-food trad Further, it repeats its opinion that licences reopen will in many cases be valueless unl sites are available and financial help is fort coming. *Co-operative Societies and Priv Traders:* The executive committee protests the speech made by Mr. James M. Peddie director of the Hull Co-operative Society, Lt at Bradford, on May 2, in which he reported to have stated that the co-operati societies, as well as the multiples, were out get the trade of the private trader, and in whi he urged that, if licensing continued after t war, there should be differentiation between t co-operative societies and private traders the detriment of the latter. The committ demands assurances from the Government th no such differentiation is contemplated, a insists on fair play between all traders.

The first of these resolutions is self-explan tory. As regards the second, my committ strongly contests Mr. Peddie's suggestion th the small trader is "uneconomic" and is co vinced, after most careful inquiry, that distrib tion through a number of independent outl serves the community's interest much bett than monopolisation of trade by a few lar units. It believes that it would be monstro if the co-operative societies, which alrea enjoy unfair advantages over the independe trader, were granted preferential treatme after the war, and holds that priority in t grant of licences should be given to priva traders who had to give up their businesses being called up for war service or owing to oth circumstances caused by the war. My co mittee desires to press these views on H Majesty's Government, and will welcor an assurance from you that they will recei full and sympathetic consideration. (Signe

ELLIOTT DODDS, Chairman.

IN THIS FIFTH YEAR OF WAR



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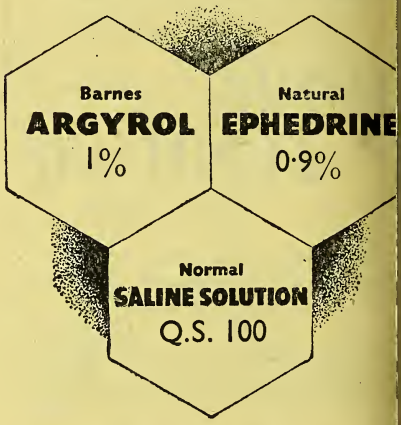


Doctors and Pharmacists have lon appreciated the value of Argyrol as nasal disinfectant and Ephedrine as powerful and lasting congestion-relievin agent, but the combination into a stabl solution in normal saline has been beyon the facilities of their dispensaries.

Now that a *stable solution* is available i Argotone, this antiseptic and decongestiv compound provides the ideal treatment fo COLDS, RHINITIS, ASTHMA SINUSITIS, HAY FEVER, etc.

Being immediate in action, yet harmles to the mucous membranes, Argotone ca be recommended with complete confidenc

ARGOTONE

NASAL DROPS

Retail 3/7 inc. Tax. Trade 28/6 doz. plus Tax, fro your wholesaler, or generous display terms direc from

RONA LABORATORIES LTD.

LONDON, N.W.2.

BIG *sales line*

THIS popular priced pain relieving tablet is in great demand—a demand encouraged by shrewd national publicity.

Embex is guaranteed pure—and speedy in the relief of Headaches, Colds, and other nervous complaints.

Order from your wholesaler to-day, or write for price list and free sample.

COUNTER DISPLAY—and CASH IN TODAY!

TAYLOR'S EMBEX LTD · CARLISLE

VIRONITA

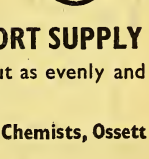
VYRO-NIGHT-A

NEW PACK

NO BOTTLE CHARGE

NO RETURNED EMPTIES

DEALERS are requested to note that this new pack will carry no bottle charges or allowance for empties as at present. The original charged bottles are returnable. The capacity is the same as the old pack which this new bottle supersedes



STRONG DEMAND, SHORT SUPPLY

Supplies are being shared out as evenly and fairly as possible.

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ONE OF OUR VETERINARY SPECIALITIES

LOSALL'S FOOT ROT OINTMENT

Retail 1/11½d. inc. tax.

14/- per doz. plus tax.

TRIAL PARCEL · ½ doz. carr. paid.

SOFTHOUSE & SALTMER, LTD., HULL

FENNINGS

FAMOUS FOR OVER 80 YEARS

P.A.T.A.

FENNINGS' FEVER MIXTURE .. .. 1/3 a bottle

(If difficult to obtain write direct to Messrs. SUTTON & SONS, 12 Brandon Rd., London, N.7.)

FENNINGS' LITTLE HEALERS

For Coughs, Colds, Bronchitis, etc. 3/- glass tubes and 6/- Carton of 12 Packets, retailing at **6d.** each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations. 1/3 a tin.

FENNINGS' WHOOPING COUGH POWDERS
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FENNINGS' STOMACH STRENGTHENERS } 1/3 and 3/- boxes

FENNINGS' RHEUMATIC AND ERYSIPELAS DROPS— 1/3 a bottle

Please address orders and inquiries to your Wholesaler

N.B.—**FENNINGS' COOLING POWDERS (Children's and Adults')** are at present in short supply, owing to war conditions, but every endeavour is being made to execute orders

PROPRIETORS: **THE TRUSTEES OF ALFRED FENNINGS (DECEASED)**
COWES, Isle of Wight

Always Sells!

THE LIVE LINE WITHOUT A DEAD SEASON-

Cuticura OINTMENT

223

● Cuticura Ointment—and equally popular Cuticura Soap, Cuticura Talcum Powder and Cuticura Shaving Stick—are in demand from January to December. How are *your* stocks.

THE DAILY DOSES MOUNT UP!

THE INCREASING DEMAND MEANS MORE PROFIT FOR YOU!!

Harley's Three Salts is health off the shelf, but you haven't got it on the shelf you are missing larg profits, because more and more people are askin for it daily.

Packed in attractive tin Retails at 1/10½, includin purchase tax (8-oz. tins). Write for particulars an terms. **Thomas Harley Ltd., 55 South Methve Street, Perth, Scotlan**

P.A.T.A.

"The Spa in a Spoon"

HARLEYS *Three* SALTS

MENOPAX

Now in two sizes only

Having exhausted their supply of small size bottles, packing materials, etc., the Proprietors of MENOPAX have discontinued the 2/10 size in compliance with official regulations.

In future, Menopax will be obtainable in two sizes only—

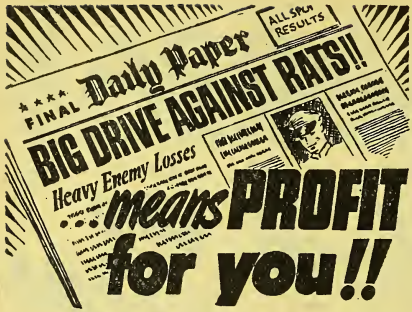
5/7½ and 11/3

Current and future orders for the 2/10 size will be executed with the 5/7½ size.

Sole Distributors

SCOTT & BOWNE LTD.

Wexham Springs, Stoke Poges, Bucks



You will be asked for Rodine more than ever before. Don't have disappointed customers as well as lost profits, get a stock of this ready selling proposition now.

RODINE

PHOSPHORUS *Rat Poison*

THOMAS HARLEY LTD
Rodine Works
PERTH • SCOTLAND

P.A.T.A.

QUICKLY KINDLES A FIRE, HEATS AN BEVERAGE, STARTS A PRIMUS STOV Etc. Etc., INVALUABLE IN EVERY HOM

Get your share of thi worth while business

Write to:
EMERGENCY PRODUCTS LTD.,
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Wanted everywhere

SUPER
SlipcleanSol
HAND CLEANER
HYGIENIC & ANTISEPTIC
ANTI-DERMATITIS

Removes all grease, tar, fresh paint, etc., leaving the skin soft and smooth.

Attractively packed in 4-oz. tins and 12-oz. bottles, retailed at 1/4½ and 2/6 respectively.

Manufactured by
SLIP PRODUCTS Co LTD
LING HOUSE, DOMINION STREET,
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2/6 BOTTLE makes 64 gallons finest Liquid Manure.

Place your seasonal order with your Wholesaler.

LIQUINURE SALES
27 Burnt Oak Broadway, EDGWARE, MIDDLESEX.

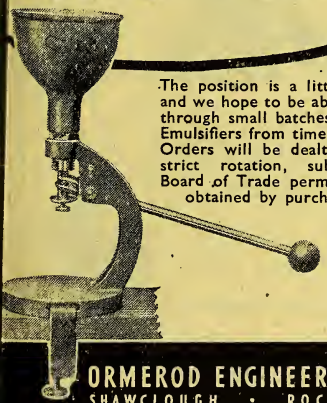
3 in one!

his machine, besides sifting and mixing powders perfection, incorporates an automatic sprayer r either replacing lost moisture, adding flavour perfume, or securing uniform tinting. It does job efficiently, rapidly and economically.

ARDNER'S Patent 'RAPID'
TER, MIXER & ESSENCE SPRAYER

. GARDNER & SONS (GLOUCESTER) LTD.,
OUCESTER Telephone: 2288 (3 lines).
DON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1.
Telephone : Chancery 7347.

Q.P.
HAND & POWER
EMULSIFIERS



The position is a little easier and we hope to be able to put through small batches of Q.P. Emulsifiers from time to time. Orders will be dealt with in strict rotation, subject to Board of Trade permits being obtained by purchasers.

ORMEROD ENGINEERS LTD.
SHAWCLOUGH ROCHDALE
TELEPHONE: ROCHDALE 4355.

(RB) E.4

BEATSON CLARK.
BOTTLES
ON ACTIVE SERVICE

The Merchant Navy has won the admiration of the world for its wonderful pluck and endurance, and merchant ships now carry this new life-saving raft in which are essential stores and first-aid equipment. Certain vital items are packed in Beatson Clark Bottles—just another way they are helping an honourable cause.

When the seas are free again we shall be able to offer our friends the same service as o´ old.

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REGISTERED

BEATSON, CLARK & Co., LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROTHERHAM ESTABLISHED 1851 YORKS

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A REVOLUTIONARY DEVELOPMENT IN INTRANASAL SULPHONAMIDE THERAPY

'SULFEX'

'Sulfex'* combines, for the first time, in a single chemically stable preparation the potent bacteriostatic action of 'Mickraform'* sulphathiazole (5%) and the effective vasoconstriction of 'Paredrinex'* (1%). The minute crystals of 'Mickraform' sulphathiazole ensure: (1) Enhanced therapeutic effect; (2) Uniform coating over infected areas; (3) Prolonged bacteriostatic action; (4) Easy passage into the sinuses. 'Paredrinex' exerts a rapid, complete and prolonged shrinkage of the nasal mucosa, thus achieving maximum ventilation and drainage. Indicated in acute nasal and sinus conditions — especially those secondary to the common cold.

Available, on prescription only, in 1-oz. bottles with dropper.

Trade price per dozen
40/6 + 6/9 *Purchase Tax.*
Retail price per bottle **4/6 + 7***d. P.T.*

MENLEY & JAMES LIMITED
123 Coldharbour Lane, London, S.E.5
For Smith, Kline & French Laboratories, owners of trade marks*

PST 1

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 13 1944

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air Nets. 10-in. (½ elastic) .. at 20/- grs.
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he above are subject to 33⅓ per cent. Purchase ax.

lso available: **Perfume, Lipsticks, Mascara, reams, Eau de Cologne, Toilet Mirrors, etc.**

or Price List send S.A.E. to:—

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Fryent Way, Kingsbury, London, N.W.9

TALC OPPORTUNITY

est Superfine Snow-white talc pre-war standard colour and slip delivered any part in 7 lb. pkts. hile stocks last. No Purchase license required for e parcel monthly. Price 9/6 pkt. Remittance ith order. **British & Overseas Minerals td. 69 Old Broad Street, London, E.C.3.**

or Sale. 1 Ton Mag. Carb. Levis. Several tons lack Shale Resin. Also large quantity 15-grain ulphur Tablets. Prices on application.

OWEN W. MARKS LTD.
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SMART BOTTLES & JARS

oz. to 40 oz., with metal screw caps, also corks. arge stocks, prompt delivery. Send stamp for list.

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CAVENDISH PLACE, LONDON, W.1

MATTENE Liquid Stocking is the Chemist's Best Seller !

Very profitable and easy to make
We can supply Mattene Liquid Stocking Colour in Beige, Tan, Gunmetal
FORMULA FREE !
8/- lb. for 1-lb. lots
7/9 lb. for 7-lb. lots } of any one colour.
6/6 lb. for 56-lb. lots
Packings free. Carriage paid. 5% discount to Customers collecting their Goods.

HARMAN DIETETIC LABORATORIES, Ltd.,
109 Cricklewood, Broadway, N.W.2
GLAdstone 1084

FOR DISPOSAL

5 Tons Graphite Powder, suitable for stove polish or lubricating, etc.
2,000 Gross New Tins, 2-oz., 4-oz., 8-oz., and 10-oz.
20,000 Cartons, 18 in. × 12 in. × 9½ in.
3,000 Cartons, 16 in. × 7½ in. × 7 in.
5,000 Strong Plywood Cases, 24 in. × 12 in. × 12 in.
300 Rolls Corrugated Paper, White-backed, 8½ in. × 250 ft.

Prompt delivery from stock.

M. F. LTD., Fortess Grove, London, N.W·5

OPTICAL TUITION

FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

AMBRESIL No. 398. Produces a fine, brilliant white cream, with water only. **AMBRESIL No. 4.** The Premier Oil-in-Water Emulsifier. **AMBRESIL V.C.** Creates a really remarkable Vanishing Cream of pearly whiteness, imparting a perfect matt effect. Technical data on application. Price of each 15s. lb. Reduction for quantities.
ARISTOL-AMBRESILS LTD. 6 Tower Street, Harrogate

THE FAYLENE MANUFACTURING COMPANY

solicit your inquiries for

Emulsions Waxes
Epsom Salts
Glauber Salts
Sulphur (Sub. & Pp.)
Sodium Bicarbonate
Talc Powders, Various
Kaolin
Gelatine Powders
Zinc Oxides
Zinc Stearate
Gum Karaya Powder
Gum Tragacanth Pdr.
Gum Acacia Powder
Hydrogen Peroxide (*all strengths*)
Disinfectant Fluids
Essential Oils
Castor Oil, B.P.
and:
Oils, Drugs, Chemicals and general Raw Materials for all Trades.

15 QUEENS COURT, LOWER BRIGGATE, LEEDS, 1. Phone: Leeds 22594.

Crepe Bandages 84/- gross; Hair Nets 28/- gross; Snoods (Silk), 8/- doz.; Snoods (Heavy), 18/- doz.; Slides, 30/- gross; 1944 Picture Calenders, 26/- gross; Mirrors in Wallets, 12/- doz.; Tweezers, 14/- doz.; Waterproof Bibs, 9/- doz.; Shampoos, 33/- gross; Wallets (Rexine), 18/9 doz.; Waterproof Cot Sheets, 3/6 each; Shaving Cream, 7/6 dozen.
Harringtons (London Office), 2 Berridge Green, Edgware, Middx. Tel.: EDG. 3610.

BOTTLES FOR SALE

GENATOSAN LTD. have for disposal 34,200 × 6 oz. Plain Cork Mouth Medical Bottles and 34,200 Best "Silver Leaf" Corks for these. Price £140 at works, Loughborough.

These are new, unused and perfect
First application opened secures them

Write

GENATOSAN LTD., LOUGHBOROUGH

PERFUMERY CONCENTRATES

Flower Oils, Compounds, etc., for use in the manufacture of high-class Cosmetics. Quality products only. Price List, 1d.

PICOT LTD.

14 High Park Road, Kew Gardens, nr. London
(Prospect 5211)

ALL METAL LIPSTICK CASES

Seamless, with Push-Up for 11 mm. Lipstick.
Fully guaranteed. Satin Finish, 1/3 each, plus P.T. Carr. paid on 6-doz. lots, net cash with order. Sample sent on receipt of 2/6 P.O.

To Actual Manufacturers :
FERGUSON (Components), LTD., 679 Finchley Road, Child's Hill, London, N.W.2. Tel. Hampstead 7222

EDUCATIONAL

OPTICAL TUITION

For the Diploma Examinations. Particulars: The Dublin College of Optics, 2 Lower O'Connell Street, Dublin.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

Employment of Women (Control of Engagements Order 1942)

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

RETAIL (HOME)

CAPABLE and energetic person required to manage Drug Store near Preston for the duration. Must be able to take sole charge of very busy shop. Full details of previous experience, etc. 566/310, C. & D. London Office.

CHEMIST-OPTICIAN or Chemist, either sex, exempt, required as Branch Manager. No Sunday or Half-day duty. Apply stating age, salary required and experience, to the Secretary, Co-operative Society, Ltd., Free School Lane, Lincoln.

DISPENSER Book-keeper required in July; good prospects. Apply with testimonials. Drs. Macleod & Symons, Loughborough, Leicestershire.

LADY Pharmacist required in Lancs Town. Well experienced in General Pharmacy. To manage large business. Permanency; good wages and commission. 563/197, C. & D. London Office.

LONDON, West. Assistant with good experience wanted soon. (Ex-serviceman preferred but not essential.) Counter and general shop work. No dispensing. Hours, 9 a.m. to 5.30. No Sunday or extra duties. A good permanent berth. 566/319, C. & D. London Office.

MANAGER required for Drug Stores near Lon Must possess qualifications required by Pharmacy Act, 1941. To trade as Class 1 I Stores. No Sunday or holiday duty. Good sal 566/320, C. & D. London Office.

ORRIDGE & CO., Employment Agency, Colur House, Aldwych, W.C.2, invite inquiries f all employers seeking Qualified Staff, especially London and Southern Counties, excluding wo between the ages of 18 and 41. Terms on applicat

PHARMACIST and Optician (lady or gentlen required by end of May; good prospect suitable applicant. Full particulars in first lette W. E. Partridge, Managing Director, E.N.T. M facturing Co., Ltd., 433 Gloucester Road, Bristol

QUALIFIED lady or gentleman to manage bra Surrey. Suit elderly. No Sunday or hol duty. Comfortable appointment, easy hours. G salary. Full particulars to A. C. Patterson, Chem 31 The Parade, Claygate, Surrey.

QUALIFIED Assistant required, Sutton a Permanency. No Sunday or Wednesday d Financial interest will be given in the busi 566/313, C. & D. London Office.

QUALIFIED Chemist, or Chemist-optician, quired; exceptional opportunity for energ Manager; good pay, good commission, good p pects; permanency. Press Pharmacies, Ltd., Cricklewood Lane, N.W.2. GLA 4681.

QUALIFIED Chemist for easily-worked Busi in London. Very good hours, by arrangem and no holiday or half-holiday duty. Usual gen business with N.H.I. Suit any age if exempt. Co begin now or when free. Please give usual particul and salary required. 566/303, C. & D. London Off

REQUIRED immediately full-time Dispenser doctor's Surgery in York. Knowledge elementary book-keeping and typing desirable not essential. Female preferred. Apply by let giving particulars of experience, age, etc. 566/3 C. & D. London Office.

SHEFFIELD. Manageress, or Manager requi for branch in West suburbs. Hours nine seven. No Sunday or holiday duty. Wages £6 according to experience. Possibility of flat over sh J. Preston, Ltd., 208 West Street, Sheffield.

SOMERSET. Village Pharmacy requires Chem Locum or permanent. Short hours and g wages. Suit applicant over military age. CDB/2 C. & D. London Office.

SOMERSET. Qualified Pharmacist, quick, relia and accurate Dispenser, capable taking cha if required. Full particulars to 566/308, C. & London Office.

THE Royal Arsenal Co-operative Society Limi invite applications from qualified Pharmaci for the position of Manager. Good post-war prospe Apply in writing, stating age, experience, sal required, and position under the National Service Registration for Employment Order Acts, to t Staff Manager, Royal Arsenal Co-operative Socie Limited, 113 Powis Street, Woolwich, S.E. Endorse envelope "Pharmacy."

UNQUALIFIED lady or gentleman experience branches. Permanency. No Sunday or h day duties. Salary required and usual details to Se Dispensing Chemists, Ltd., Molescroft House, Bev ley, E. Yorks.

WANTED, Unqualified Assistant, male or fema for Brighton. Apply CDB/287, C. & D. Lond Office.

WANTED immediately, Unqualified Assistant f good-class family Dispensing Business a N.H.I. S. A. Sheard, 9 Leeds Road, Harrogate.

LOCUMS WANTED

GUY'S HOSPITAL require Qualified Locum, part-time, for 10–12 weeks from June 5, 1944. Salary at Guild rate. Apply, stating hours available, to Chief Pharmacist, Guy's Hospital, S.E.1.

UM required for July, August, September. Usual particulars to Sells Dispensing Chemists, Molescroft House, Beverley, E. Yorks.

LIFIED Locum required from June 5 to 10, 1944, and any other three weeks prior to nber 1944. Full particulars to the Secretary, horpe Co-operative Society, Ltd., 180 High , Scunthorpe.

LIFIED Locum required for any fortnightly periods during June, July, August, September weeks in all if available). Terms and dates o Clark, Chemist, Dorchester.

WHOLESALE

TON Machinist. Required, experienced man o operate Colton automatic pill plant. Apply 289, C. & D. London Office.

PERIENCED full-time Representatives required to introduce nationally-advertised Prory lines to Chemists, London and Provinces. connexion amongst Chemists essential. Salary, ission, expenses. Send fullest particulars in ence, stating territories covered. Box W50411, ons, Salisbury Square, London, E.C.4.

NUFACTURING Chemists in the North-west have vacancy for energetic and practical nacist; excellent prospects; experience in ting would be an advantage. Write, stating age, ence, and salary required, 565/280, C. & D. on Office.

GRESSIVE Organisation requires Qualified hemist for Pharmacy Department. Either sex, t national service. Good salary and prospects. 53, C. & D. London Office.

PRESENTATIVES still required for some territories to carry additional range. Good xion retail and wholesale chemists essential. prospects for first class men. Full particulars g present lines and references to CD3, Knox rdy, Chronicle House, Fleet Street, London,

MEN workers required for Dispatch Dept. of West End Wholesale House, ineligible for al service. Experience not necessary. Write, age and wages desired. 566/304, C. & D. on Office.

RKS Chemist required for duration by S.E. London Manufacturing Chemists. Previous sale experience desirable but not essential. y in organisation and staff control required. 11, C. & D. London Office.

SITUATIONS WANTED

for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

DY Assistant (35), used to busy Counter work, requires situation as Manageress of Drug Store. 18, C. & D. London Office.

WHOLESALE

SOLUTELY first-class qualified Representative open to negotiate with firm of repute for permt position on Midlands area. Ex-service. een years' experience and fine connexions 15, C. & D. London Office.

VERTISER, qualified (46), with a thorough knowledge of wholesale routine—buying, conf staff, the keeping of statistical records, adver- and medical propaganda—seeks suitable posiith post-war prospects; could invest capital if red; good references. Replies treated in est confidence. 565/283, C. & D. London Office.

EN, adaptable Man of highest integrity, with long varied experience retail, manufacture cal specialities, toilet, cosmetics, etc., and ol of filling and finishing same, desires position rtmental or works. Capable organiser; over ary age. CDB/291, C. & D. London Office.

MEDICAL Representative, twenty years' experience, highest references, desires to hear of position with view to South African representation after the war. 565/279, C. & D. London Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

EIRE. Well-established Selling Agency with storage and manufacturing facilities covering the whole of Eire, seeking one or two additional lines on commission. Immediate or post-war. Box 032, c/o Erwoods, Ltd., 30 Bouverie Street, London, E.C.4.

ESTABLISHED Agent selling to Manufacturers and Wholesalers (Dublin, Eire) is open for additional lines. Reputable firms only considered. 566/305, C. & D. London Office.

M.P.S.I. (38), 18 years' experience Retail Pharmacy, large Capital available, wishes to contact reputable manufacturer view to Agency, and/or as Representative for Eire, now or in post-war period. Highest references. Would spend period with manufacturer if required. 564/253, C. & D. London Office.

SCOTLAND. Well-established Selling Agency with storage facilities, covering the whole of Scotland, seeking one or two additional lines on a commission basis. Immediate or post war. CDB/290, C. & D. London Office.

SOUTH AFRICA. Keene & Co., Commonwealth Building, St. George's Street (P.O. Box 2305), Cape Town, South Africa, are desirous of making contact with British manufacturers as factory representatives for South Africa and the Rhodesias. Highest references available and really first-class representation assured. Proprietary Medicines; Toilet; Household Requisites; Hardware and Plastics particularly invited. Further information from Samson Clark & Co., Ltd., 57/61 Mortimer Street, London, W.1, or write direct.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

CHEMICAL and Pharmaceutical Company, making over £20,000 p.a. profit. Also Paint Factory in Yorkshire and Fertiliser Manufacturing concern in London. P. A. Neale & Co., 20 Bloomsbury Square, W.C.1. MUSeum 2384/5.

FOR Sale. North-east coast Drug Store. Established 30 years. Good opportunity for qualified progressive business. 566/317, C. & D. London Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

Traders buying and selling hereunder must observe the Restriction of Resale Order S. R. & O. 1942 No. 958

FOR sale 25 tons of medium precipitated chalk. Apply Buying Department, Milton Antiseptic Ltd., Chapel Lane, Sands, High Wycombe. Telephone: High Wycombe 1152.

FOR sale. Six gross of cartons in clean condition. Sizes 10 in. square at seven shillings per doz. Also twenty 1 in. by 12 in. at nine shillings per doz. We also have twenty-six gross of 1-oz. bottles at seven and sixpence a gross. L. Banks & Co., Ltd., 1/3, Springfield Lane, Kilburn, N.W.6.

SHOP FITTING

MYERS OF OLD ST. THE PHARMACY FITTERS

ALL PHARMACY FITTINGS. New and Secondhand

From the single unit—to the complete Pharmacy

Write, 'Phone or call

L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

APPOINTMENTS

CONNAUGHT HOSPITAL, E.17

Qualified Assistant to Pharmacist (Hall Certificate) required. Applications, stating age, experience, salary required, and enclosing copies of not more than three testimonials to the undersigned. (Male candidates should state their position with regard to military service; women should not be liable for national service.) R. Halton Harrison, General Secretary.

MONTAGU HOSPITAL

MEXBOROUGH, YORKS.
(123 beds)

Locum Pharmacist required for two weeks, commencing July 17. Salary £6 per week plus full board or £7 7s. per week non-resident. Applications stating age, experience, etc., to be addressed to the Secretary-Superintendent.

CROYDON GENERAL HOSPITAL

(A Voluntary Hospital of 250 Beds)

Pharmacist-in-Charge required (either sex). Scale of salary at B.H.A. rates, i.e.: £350 per annum, rising by £15 p.a. to £395, in addition to Superannuation Scheme. Apply with full particulars of age, experience, etc., to House Governor, not later than May 22.

LONDON COUNTY COUNCIL

Assistant Dispenser (unregistered) (whole-time) (man or woman) required at Claybury Hospital (for nervous and mental disorders), Woodford Bridge, Essex. Rate of pay, £4 4s. a week plus cost of living addition. Hours forty-one-and-a-half a week. Married women eligible. Application form from Medical Superintendent.

PHARMACIST (whole time) (man or woman) required by London County Council at St. Bernard's Hospital (for nervous and mental disorders), Southall, Middlesex. Must possess Pharmaceutical Society's qualification. Salary £320, rising to £420 a year plus cost of living addition. Pensionable. Married women eligible for temporary non-pensionable employment. For application form returnable by May 29, 1944, send stamped addressed foolscap envelope to the Medical Officer of Health (B), Mental Health Services, West Park Hospital, Epsom, Surrey.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ASPIRIN Powder, Crystals, Grans., and 5-grain tablets, required in large or small quantities. Highest market prices paid. 442/304, C. & D. London Office.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., 40 Bavaria Road, Holloway, N.19.

BAKELITE caps for one and two dram perfume bottles wanted. Newell Trading Co., Ltd., 71 Fellows Road, London, N.W.3.

CALABAR Beans unground required in large or small quantities for export from U.K. or African ports, letters of credit available. State quantity, lowest prices, full particulars. 565/276, C. & D. London Office.

HOMOGENISER wanted, suitable small s emulsification medical or food products. 566/ C. & D. London Office.

LARGE stock of second-hand Bottles requi 1 oz. or 2 oz., or Bottles made before 1942. amount wanted urgently. Firstlite, Ltd., 481 G West Road, Hounslow.

LATEX goods required, large or small quanti Offers by letter in first instance. 566/ C. & D, London Office.

SOAP Plodder. 10-in. to 12-in. Soap Plod wanted at once; very good price paid. Sha Zee-Kol Co., Ltd., 40 Bavaria Road, Upper Hollow London, N.19.

URGENTLY required Germanin, Bayer. 6 × 1- amps. P. D. G., 50 Wigmore Street, W.1.

WANTED, 10 or 12-oz. Bottles with Sprinkl 566/307, C. & D. London Office.

WANTED Microscopes, all models, particul good outfits up to £300 or £400. High pri immediate cash. Wallace Heaton, Ltd., 127 Bond Street, W.1.

WANTED, ½-oz. to 2-oz. Bottles, screw cap cork. Must be made prior to July 19 555/730, C. & D. London Office.

WANTED supplies of Pot. Hydroxyquino Sulphate, any quantities. 7 lb. to 112 564/235, C. & D. London Office.

WANTED, 20 cwt. Zinc Sulphide. 565/2 C. & D. London Office.

WANTED, Liq. Hamamelidis; large or sm quantities. High price paid. 565/287, C. & London Office.

WANTED for Spot Cash. National, Remingt and Gledhill Cash Registers, all sizes, immaterial; any quantity entertained. Amal mated Business Machines, Ltd., 64 Mortimer Str W.1. 'Phone: Museum 0941. Repairs, Sa Exchanges.

50—100 gross each, 2-oz. and 4-oz. flat medic screw capped; 1½ oz. and 2 oz. white flint ja screw capped; 1½ oz. amber jars, screw capped. W March & Co., 166 Mitcham Road, London, S.W. Streatham 3535.

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WANTED, Sundry Wholesale Business, Lond area. Neglected concern would suit. 566/3 C. & D. London Office.

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